

Series 1206

Polypropylene and Foil

Features: Flame retardant to UL94, excellent long term stability, high insulation resistance, low dissipation factor, negative temperature coefficient, high frequency operation, high dv/dt ratings.

Applications: Timing circuits, switch mode power supplies (SMPS), snubber circuits.

Packaging: Axial wrap and fill (TF, TC), radial lead box (EFR, DFR), axial lead epoxy tube (EC).

Specifications

1) Temperature Range

-55°C to 105°C with 50% voltage derating above 85°C.

2) Capacitance

0.001μF to 5μF

3) Dielectric Strength

At 25°C, 200% of rated voltage when applied terminal to terminal for one minute through a current limiting resistance.

4) Insulation Resistance

At 25°C after 2 minutes charge time at rated voltage or 500 VDC, whichever is less, the minimum IR shall be 200,000 Megohm-Microfarads, but need not exceed 250,000 Megohms.

5) Humidity Resistance

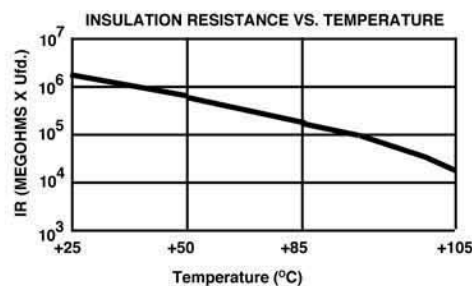
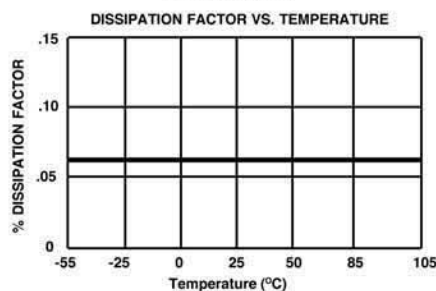
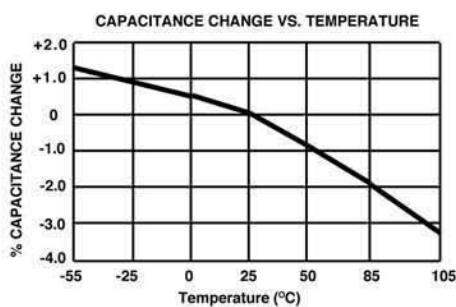
Series 1206 shall meet the requirements of MIL-STD. 202, Method 103B.

6) Dissipation Factor

Shall be 0.07% max. when measured at 1KHz and 25°C.

7) Life Test

Will withstand the application of 140% rated voltage at + 85°C for 250 hours with not more than one failure in 12 permitted.



Typical Temperature Curves Polypropylene and Foil

Catalog Nomenclature

*** 1 3 0 6 E F R - 3 - . 0 0 1 - 1 - 5**

Case Code:

- TC - Wrap & Fill - Round - Axial
- TF - Wrap & Fill - Flat - Axial
- EC - Epoxy Case - Round - Axial
- EFR - Epoxy Case - Flat - Radial
- DFR - Dipped Construction - Flat - Radial
- HS - Hermetically Sealed

Dielectric Code:

- 1206 - Polypropylene/Foil
- 1213 - Metallized Polypropylene
- 1306 - Polyester/Foil
- 1313 - Metallized Polyester
- 1613 - Metallized Polycarbonate
- 1906 - Polystyrene/Foil
- 2113 - Metallized Polyphenylene Sulfide

Size Code:

- 3 - Standard
- 2 - Miniature (1313DFR Series Only)
- X - Non-standard
- Or one letter case code

Capacitance:

In microfarads (μ F)

Voltage:

- .35 - 35 VDC
- 0 - 50 VDC
- 1 - 100 VDC
- 2 - 200 VDC
- 3 - 300 VDC
- 4 - 400 VDC
- 10 - 1000 VDC
- 1.6K - 1600VDC
- Etc.

Tolerance:

- 1 - 1%
- 2 - 2%
- 5 - 5%
- Etc.

*** Options**

The following options are available from EFC by specifying the appropriate prefix.

- A - Aluminum foil electrodes
- T - Tin foil electrodes
- HV - High voltage DC applications
- AC - AC voltage rated applications
- MF - Metallized and foil hybrid for maximum pulse current applications
- M - Dual metallized design for pulse current applications
- SP - Low ESR, high RMS current applications
- PC - Direct mount terminals for high current filter applications
- FT - Feed thru filter applications
- RC - Resistor capacitor suppressors

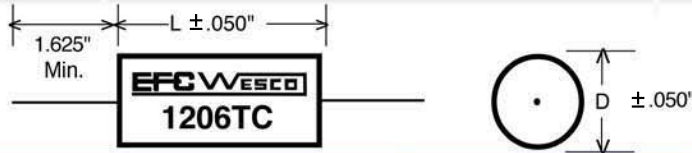


Please consult factory for special requirements, including non-standard values and sizes

1206TC Tubular Wrap & Fill

Polypropylene and Foil Capacitors

Lead Spec.
Tinned Copperweld
Under .250D = 24 AWG
.250 - .440D = 22AWG
Above .440D = 20 AWG



Dimensions and Ratings

| Cap. | 50 VDC | | |
|-------|--------------------|------|-------|
| μF | Part # | D | L |
| .001 | 1206TC-3-.001-0-* | .180 | .406 |
| .0012 | 1206TC-3-.0012-0-* | .180 | .406 |
| .0015 | 1206TC-3-.0015-0-* | .180 | .406 |
| .0022 | 1206TC-3-.0022-0-* | .180 | .406 |
| .0027 | 1206TC-3-.0027-0-* | .180 | .406 |
| .0039 | 1206TC-3-.0039-0-* | .180 | .406 |
| .0047 | 1206TC-3-.0047-0-* | .180 | .406 |
| .0056 | 1206TC-3-.0056-0-* | .180 | .406 |
| .0068 | 1206TC-3-.0068-0-* | .180 | .406 |
| .0082 | 1206TC-3-.0082-0-* | .190 | .406 |
| .01 | 1206TC-3-.01-0-* | .200 | .406 |
| .012 | 1206TC-3-.012-0-* | .220 | .406 |
| .015 | 1206TC-3-.015-0-* | .240 | .406 |
| .018 | 1206TC-3-.018-0-* | .180 | .531 |
| .022 | 1206TC-3-.022-0-* | .190 | .531 |
| .027 | 1206TC-3-.027-0-* | .210 | .531 |
| .033 | 1206TC-3-.033-0-* | .230 | .531 |
| .039 | 1206TC-3-.039-0-* | .250 | .531 |
| .047 | 1206TC-3-.047-0-* | .270 | .531 |
| .056 | 1206TC-3-.056-0-* | .290 | .531 |
| .068 | 1206TC-3-.068-0-* | .260 | .656 |
| .082 | 1206TC-3-.082-0-* | .290 | .656 |
| .1 | 1206TC-3-.1-0-* | .310 | .656 |
| .12 | 1206TC-3-.12-0-* | .340 | .656 |
| .15 | 1206TC-3-.15-0-* | .380 | .656 |
| .18 | 1206TC-3-.18-0-* | .360 | .781 |
| .22 | 1206TC-3-.22-0-* | .390 | .781 |
| .27 | 1206TC-3-.27-0-* | .390 | .906 |
| .33 | 1206TC-3-.33-0-* | .430 | .906 |
| .39 | 1206TC-3-.39-0-* | .470 | .906 |
| .47 | 1206TC-3-.47-0-* | .430 | 1.190 |
| .56 | 1206TC-3-.56-0-* | .470 | 1.190 |
| .68 | 1206TC-3-.68-0-* | .510 | 1.190 |
| .82 | 1206TC-3-.82-0-* | .560 | 1.190 |
| 1.0 | 1206TC-3-1.0-0-* | .620 | 1.190 |
| 1.25 | 1206TC-3-1.25-0-* | .610 | 1.440 |
| 1.5 | 1206TC-3-1.5-0-* | .670 | 1.440 |
| 2.0 | 1206TC-3-2.0-0-* | .630 | 1.440 |
| 3.0 | 1206TC-3-3.0-0-* | .700 | 1.690 |
| 4.0 | 1206TC-3-4.0-0-* | .810 | 1.690 |

| Cap. | 100 VDC | | |
|-------|--------------------|-------|-------|
| μF | Part # | D | L |
| .001 | 1206TC-3-.001-1-* | .180 | .406 |
| .0012 | 1206TC-3-.0012-1-* | .180 | .406 |
| .0015 | 1206TC-3-.0015-1-* | .180 | .406 |
| .0022 | 1206TC-3-.0022-1-* | .180 | .406 |
| .0027 | 1206TC-3-.0027-1-* | .180 | .406 |
| .0039 | 1206TC-3-.0039-1-* | .180 | .406 |
| .0047 | 1206TC-3-.0047-1-* | .180 | .406 |
| .0056 | 1206TC-3-.0056-1-* | .180 | .406 |
| .0068 | 1206TC-3-.0068-1-* | .190 | .406 |
| .0082 | 1206TC-3-.0082-1-* | .210 | .406 |
| .01 | 1206TC-3-.01-1-* | .230 | .406 |
| .012 | 1206TC-3-.012-1-* | .250 | .406 |
| .015 | 1206TC-3-.015-1-* | .180 | .531 |
| .018 | 1206TC-3-.018-1-* | .200 | .531 |
| .022 | 1206TC-3-.022-1-* | .210 | .531 |
| .027 | 1206TC-3-.027-1-* | .240 | .531 |
| .033 | 1206TC-3-.033-1-* | .260 | .531 |
| .039 | 1206TC-3-.039-1-* | .280 | .531 |
| .047 | 1206TC-3-.047-1-* | .250 | .656 |
| .056 | 1206TC-3-.056-1-* | .270 | .656 |
| .068 | 1206TC-3-.068-1-* | .290 | .656 |
| .082 | 1206TC-3-.082-1-* | .320 | .656 |
| .1 | 1206TC-3-.1-1-* | .350 | .656 |
| .12 | 1206TC-3-.12-1-* | .340 | .781 |
| .15 | 1206TC-3-.15-1-* | .370 | .781 |
| .18 | 1206TC-3-.18-1-* | .410 | .781 |
| .22 | 1206TC-3-.22-1-* | .400 | .906 |
| .27 | 1206TC-3-.27-1-* | .440 | .906 |
| .33 | 1206TC-3-.33-1-* | .490 | .906 |
| .39 | 1206TC-3-.39-1-* | .450 | 1.190 |
| .47 | 1206TC-3-.47-1-* | .490 | 1.190 |
| .56 | 1206TC-3-.56-1-* | .540 | 1.190 |
| .68 | 1206TC-3-.68-1-* | .590 | 1.190 |
| .82 | 1206TC-3-.82-1-* | .650 | 1.190 |
| 1.0 | 1206TC-3-1.0-1-* | .630 | 1.440 |
| 1.25 | 1206TC-3-1.25-1-* | .700 | 1.440 |
| 1.5 | 1206TC-3-1.5-1-* | .690 | 1.690 |
| 2.0 | 1206TC-3-2.0-1-* | .800 | 1.690 |
| 3.0 | 1206TC-3-3.0-1-* | .890 | 1.940 |
| 4.0 | 1206TC-3-4.0-1-* | 1.030 | 1.940 |
| 5.0 | 1206TC-3-5.0-1-* | 1.150 | 1.940 |

| Cap. | 160 VDC | | |
|-------|----------------------|-------|-------|
| μF | Part # | D | L |
| .001 | 1206TC-3-.001-1.6-* | .180 | .406 |
| .0012 | 1206TC-3-.0012-1.6-* | .180 | .406 |
| .0015 | 1206TC-3-.0015-1.6-* | .180 | .406 |
| .0022 | 1206TC-3-.0022-1.6-* | .180 | .406 |
| .0027 | 1206TC-3-.0027-1.6-* | .180 | .406 |
| .0039 | 1206TC-3-.0039-1.6-* | .180 | .406 |
| .0047 | 1206TC-3-.0047-1.6-* | .180 | .406 |
| .0056 | 1206TC-3-.0056-1.6-* | .180 | .406 |
| .0068 | 1206TC-3-.0068-1.6-* | .190 | .406 |
| .0082 | 1206TC-3-.0082-1.6-* | .210 | .406 |
| .01 | 1206TC-3-.01-1.6-* | .230 | .406 |
| .012 | 1206TC-3-.012-1.6-* | .250 | .406 |
| .015 | 1206TC-3-.015-1.6-* | .180 | .531 |
| .018 | 1206TC-3-.018-1.6-* | .200 | .531 |
| .022 | 1206TC-3-.022-1.6-* | .210 | .531 |
| .027 | 1206TC-3-.027-1.6-* | .240 | .531 |
| .033 | 1206TC-3-.033-1.6-* | .260 | .531 |
| .039 | 1206TC-3-.039-1.6-* | .280 | .531 |
| .047 | 1206TC-3-.047-1.6-* | .250 | .656 |
| .056 | 1206TC-3-.056-1.6-* | .270 | .656 |
| .068 | 1206TC-3-.068-1.6-* | .290 | .656 |
| .082 | 1206TC-3-.082-1.6-* | .320 | .656 |
| .1 | 1206TC-3-.1-1.6-* | .350 | .656 |
| .12 | 1206TC-3-.12-1.6-* | .340 | .781 |
| .15 | 1206TC-3-.15-1.6-* | .370 | .781 |
| .18 | 1206TC-3-.18-1.6-* | .410 | .781 |
| .22 | 1206TC-3-.22-1.6-* | .400 | .906 |
| .27 | 1206TC-3-.27-1.6-* | .440 | .906 |
| .33 | 1206TC-3-.33-5-* | .490 | .906 |
| .39 | 1206TC-3-.39-1.6-* | .450 | 1.190 |
| .47 | 1206TC-3-.47-1.6-* | .490 | 1.190 |
| .56 | 1206TC-3-.56-1.6-* | .540 | 1.190 |
| .68 | 1206TC-3-.68-1.6-* | .590 | 1.190 |
| .82 | 1206TC-3-.82-1.6-* | .650 | 1.190 |
| 1.0 | 1206TC-3-1.0-1.6-* | .630 | 1.440 |
| 1.25 | 1206TC-3-1.25-1.6-* | .700 | 1.440 |
| 1.5 | 1206TC-3-1.5-1.6-* | .690 | 1.690 |
| 2.0 | 1206TC-3-2.0-1.6-* | .800 | 1.690 |
| 3.0 | 1206TC-3-3.0-1.6-* | .890 | 1.940 |
| 4.0 | 1206TC-3-4.0-1.6-* | 1.030 | 1.940 |
| 5.0 | 1206TC-3-5.0-1.6-* | 1.150 | 1.940 |

* - Please insert appropriate tolerance code

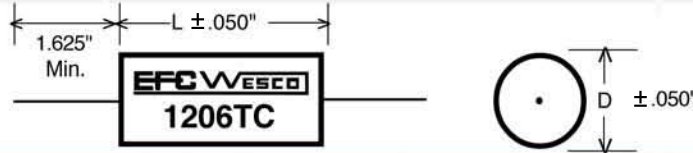


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1206TC Tubular Wrap & Fill

Polypropylene and Foil Capacitors

Lead Spec.
Tinned Copperweld
Under .250D = 24 AWG
.250 - .440D = 22AWG
Above .440D = 20 AWG



Dimensions and Ratings

| Cap. | 200 VDC | | |
|-------|--------------------|-------|-------|
| µF | Part # | D | L |
| .001 | 1206TC-3-.001-2-* | .180 | .406 |
| .0012 | 1206TC-3-.0012-2-* | .180 | .406 |
| .0015 | 1206TC-3-.0015-2-* | .180 | .406 |
| .0022 | 1206TC-3-.0022-2-* | .180 | .406 |
| .0027 | 1206TC-3-.0027-2-* | .180 | .406 |
| .0039 | 1206TC-3-.0039-2-* | .180 | .406 |
| .0047 | 1206TC-3-.0047-2-* | .200 | .406 |
| .0056 | 1206TC-3-.0056-2-* | .210 | .406 |
| .0068 | 1206TC-3-.0068-2-* | .230 | .406 |
| .0082 | 1206TC-3-.0082-2-* | .170 | .531 |
| .01 | 1206TC-3-.01-2-* | .190 | .531 |
| .012 | 1206TC-3-.012-2-* | .200 | .531 |
| .015 | 1206TC-3-.015-2-* | .220 | .531 |
| .018 | 1206TC-3-.018-2-* | .240 | .531 |
| .022 | 1206TC-3-.022-2-* | .270 | .531 |
| .027 | 1206TC-3-.027-2-* | .240 | .656 |
| .033 | 1206TC-3-.033-2-* | .260 | .656 |
| .039 | 1206TC-3-.039-2-* | .280 | .656 |
| .047 | 1206TC-3-.047-2-* | .310 | .656 |
| .056 | 1206TC-3-.056-2-* | .340 | .656 |
| .068 | 1206TC-3-.068-2-* | .370 | .656 |
| .082 | 1206TC-3-.082-2-* | .350 | .781 |
| .1 | 1206TC-3-.1-2-* | .390 | .781 |
| .12 | 1206TC-3-.12-2-* | .420 | .781 |
| .15 | 1206TC-3-.15-2-* | .420 | .906 |
| .18 | 1206TC-3-.18-2-* | .460 | .906 |
| .22 | 1206TC-3-.22-2-* | .500 | .906 |
| .27 | 1206TC-3-.27-2-* | .480 | 1.190 |
| .33 | 1206TC-3-.33-5-* | .520 | 1.190 |
| .39 | 1206TC-3-.39-2-* | .570 | 1.190 |
| .47 | 1206TC-3-.47-2-* | .620 | 1.190 |
| .56 | 1206TC-3-.56-2-* | .590 | 1.440 |
| .68 | 1206TC-3-.68-2-* | .650 | 1.440 |
| .82 | 1206TC-3-.82-2-* | .710 | 1.440 |
| 1.0 | 1206TC-3-1.0-2-* | .720 | 1.690 |
| 1.25 | 1206TC-3-1.25-2-* | .800 | 1.690 |
| 1.5 | 1206TC-3-1.5-2-* | .800 | 1.690 |
| 2.0 | 1206TC-3-2.0-2-* | .920 | 1.940 |
| 3.0 | 1206TC-3-3.0-2-* | 1.130 | 1.940 |

| Cap. | 400 VDC | | |
|-------|--------------------|-------|-------|
| µF | Part # | D | L |
| .001 | 1206TC-3-.001-4-* | .160 | .406 |
| .0012 | 1206TC-3-.0012-4-* | .170 | .406 |
| .0015 | 1206TC-3-.0015-4-* | .190 | .406 |
| .0022 | 1206TC-3-.0022-4-* | .230 | .406 |
| .0027 | 1206TC-3-.0027-4-* | .250 | .406 |
| .0039 | 1206TC-3-.0039-4-* | .180 | .531 |
| .0047 | 1206TC-3-.0047-4-* | .190 | .531 |
| .0056 | 1206TC-3-.0056-4-* | .210 | .531 |
| .0068 | 1206TC-3-.0068-4-* | .230 | .531 |
| .0082 | 1206TC-3-.0082-4-* | .250 | .531 |
| .01 | 1206TC-3-.01-4-* | .270 | .531 |
| .012 | 1206TC-3-.012-4-* | .290 | .531 |
| .015 | 1206TC-3-.015-4-* | .260 | .656 |
| .018 | 1206TC-3-.018-4-* | .280 | .656 |
| .022 | 1206TC-3-.022-4-* | .310 | .656 |
| .027 | 1206TC-3-.027-4-* | .340 | .656 |
| .033 | 1206TC-3-.033-4-* | .370 | .656 |
| .039 | 1206TC-3-.039-4-* | .350 | .781 |
| .047 | 1206TC-3-.047-4-* | .380 | .781 |
| .056 | 1206TC-3-.056-4-* | .420 | .781 |
| .068 | 1206TC-3-.068-4-* | .400 | .906 |
| .082 | 1206TC-3-.082-4-* | .440 | .906 |
| .1 | 1206TC-3-.1-4-* | .490 | .906 |
| .12 | 1206TC-3-.12-4-* | .450 | 1.190 |
| .15 | 1206TC-3-.15-4-* | .500 | 1.190 |
| .18 | 1206TC-3-.18-4-* | .550 | 1.190 |
| .22 | 1206TC-3-.22-4-* | .600 | 1.190 |
| .27 | 1206TC-3-.27-4-* | .670 | 1.190 |
| .33 | 1206TC-3-.33-5-* | .640 | 1.440 |
| .39 | 1206TC-3-.39-4-* | .700 | 1.440 |
| .47 | 1206TC-3-.47-4-* | .690 | 1.690 |
| .56 | 1206TC-3-.56-4-* | .750 | 1.690 |
| .68 | 1206TC-3-.68-4-* | .830 | 1.690 |
| .82 | 1206TC-3-.82-4-* | .830 | 1.940 |
| 1.0 | 1206TC-3-1.0-4-* | .920 | 1.940 |
| 1.25 | 1206TC-3-1.25-4-* | 1.030 | 1.440 |
| 1.5 | 1206TC-3-1.5-4-* | 1.040 | 2.250 |
| 2.0 | 1206TC-3-2.0-4-* | 1.200 | 2.250 |

| Cap. | 600 VDC | | |
|-------|--------------------|-------|-------|
| µF | Part # | D | L |
| .001 | 1206TC-3-.001-6-* | .150 | .531 |
| .0012 | 1206TC-3-.0012-6-* | .160 | .531 |
| .0015 | 1206TC-3-.0015-6-* | .170 | .531 |
| .0022 | 1206TC-3-.0022-6-* | .200 | .531 |
| .0027 | 1206TC-3-.0027-6-* | .220 | .531 |
| .0039 | 1206TC-3-.0039-6-* | .270 | .531 |
| .0047 | 1206TC-3-.0047-6-* | .290 | .531 |
| .0056 | 1206TC-3-.0056-6-* | .230 | .656 |
| .0068 | 1206TC-3-.0068-6-* | .250 | .656 |
| .0082 | 1206TC-3-.0082-6-* | .270 | .656 |
| .01 | 1206TC-3-.01-6-* | .300 | .656 |
| .012 | 1206TC-3-.012-6-* | .330 | .656 |
| .015 | 1206TC-3-.015-6-* | .360 | .656 |
| .018 | 1206TC-3-.018-6-* | .330 | .781 |
| .022 | 1206TC-3-.022-6-* | .360 | .781 |
| .027 | 1206TC-3-.027-6-* | .400 | .781 |
| .033 | 1206TC-3-.033-6-* | .380 | .906 |
| .039 | 1206TC-3-.039-6-* | .420 | .906 |
| .047 | 1206TC-3-.047-6-* | .460 | .906 |
| .056 | 1206TC-3-.056-6-* | .500 | .906 |
| .068 | 1206TC-3-.068-6-* | .450 | 1.190 |
| .082 | 1206TC-3-.082-6-* | .500 | 1.190 |
| .1 | 1206TC-3-.1-6-* | .550 | 1.190 |
| .12 | 1206TC-3-.12-6-* | .590 | 1.190 |
| .15 | 1206TC-3-.15-6-* | .660 | 1.190 |
| .18 | 1206TC-3-.18-6-* | .630 | 1.440 |
| .22 | 1206TC-3-.22-6-* | .690 | 1.440 |
| .27 | 1206TC-3-.27-6-* | .690 | 1.690 |
| .33 | 1206TC-3-.33-5-* | .760 | 1.690 |
| .39 | 1206TC-3-.39-6-* | .830 | 1.690 |
| .47 | 1206TC-3-.47-6-* | .830 | 1.940 |
| .56 | 1206TC-3-.56-6-* | .900 | 1.940 |
| .68 | 1206TC-3-.68-6-* | .990 | 1.940 |
| .82 | 1206TC-3-.82-6-* | 1.090 | 1.940 |
| 1.0 | 1206TC-3-1.0-6-* | 1.110 | 2.250 |
| 1.25 | 1206TC-3-1.25-6-* | 1.240 | 2.250 |
| 1.5 | 1206TC-3-1.5-6-* | 1.360 | 2.250 |

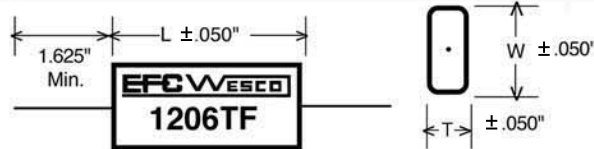
* - Please insert appropriate tolerance code



1206TF Oval Wrap & Fill

Polypropylene and Foil Capacitors

Lead Spec.
Tinned Copperweld
Under .190T = 24 AWG
.190 - .380T = 22AWG
Above .380T = 20 AWG



Dimensions and Ratings

| 50 VDC | | | | | 100 VDC | | | | | 160 VDC | | | | |
|--------|--------------------|------|------|-------|---------|--------------------|-------|-------|-------|---------|----------------------|-------|-------|-------|
| Cap. | Part # | T | W | L | Cap. | Part # | T | W | L | Cap. | Part # | T | W | L |
| .001 | 1206TF-3-.001-0-* | .120 | .210 | .406 | .001 | 1206TF-3-.001-1-* | .120 | .210 | .406 | .001 | 1206TF-3-.001-1.6-* | .120 | .210 | .406 |
| .0012 | 1206TF-3-.0012-0-* | .120 | .210 | .406 | .0012 | 1206TF-3-.0012-1-* | .120 | .210 | .406 | .0012 | 1206TF-3-.0012-1.6-* | .120 | .210 | .406 |
| .0015 | 1206TF-3-.0015-0-* | .120 | .210 | .406 | .0015 | 1206TF-3-.0015-1-* | .120 | .210 | .406 | .0015 | 1206TF-3-.0015-1.6-* | .120 | .210 | .406 |
| .0022 | 1206TF-3-.0022-0-* | .120 | .210 | .406 | .0022 | 1206TF-3-.0022-1-* | .120 | .210 | .406 | .0022 | 1206TF-3-.0022-1.6-* | .120 | .210 | .406 |
| .0027 | 1206TF-3-.0027-0-* | .120 | .210 | .406 | .0027 | 1206TF-3-.0027-1-* | .120 | .210 | .406 | .0027 | 1206TF-3-.0027-1.6-* | .120 | .210 | .406 |
| .0039 | 1206TF-3-.0039-0-* | .120 | .210 | .406 | .0039 | 1206TF-3-.0039-1-* | .120 | .210 | .406 | .0039 | 1206TF-3-.0039-1.6-* | .120 | .210 | .406 |
| .0047 | 1206TF-3-.0047-0-* | .120 | .210 | .406 | .0047 | 1206TF-3-.0047-1-* | .120 | .210 | .406 | .0047 | 1206TF-3-.0047-1.6-* | .120 | .210 | .406 |
| .0056 | 1206TF-3-.0056-0-* | .120 | .210 | .406 | .0056 | 1206TF-3-.0056-1-* | .120 | .210 | .406 | .0056 | 1206TF-3-.0056-1.6-* | .120 | .210 | .406 |
| .0068 | 1206TF-3-.0068-0-* | .120 | .210 | .406 | .0068 | 1206TF-3-.0068-1-* | .130 | .230 | .406 | .0068 | 1206TF-3-.0068-1.6-* | .130 | .230 | .406 |
| .0082 | 1206TF-3-.0082-0-* | .130 | .220 | .406 | .0082 | 1206TF-3-.0082-1-* | .150 | .240 | .406 | .0082 | 1206TF-3-.0082-1.6-* | .150 | .240 | .406 |
| .01 | 1206TF-3-.01-0-* | .140 | .240 | .406 | .01 | 1206TF-3-.01-1-* | .170 | .260 | .406 | .01 | 1206TF-3-.01-1.6-* | .170 | .260 | .406 |
| .012 | 1206TF-3-.012-0-* | .160 | .250 | .406 | .012 | 1206TF-3-.012-1-* | .190 | .280 | .406 | .012 | 1206TF-3-.012-1.6-* | .190 | .280 | .406 |
| .015 | 1206TF-3-.015-0-* | .180 | .280 | .406 | .015 | 1206TF-3-.015-1-* | .120 | .210 | .531 | .015 | 1206TF-3-.015-1.6-* | .120 | .210 | .531 |
| .018 | 1206TF-3-.018-0-* | .120 | .210 | .531 | .018 | 1206TF-3-.018-1-* | .140 | .220 | .531 | .018 | 1206TF-3-.018-1.6-* | .140 | .220 | .531 |
| .022 | 1206TF-3-.022-0-* | .130 | .230 | .531 | .022 | 1206TF-3-.022-1-* | .150 | .230 | .531 | .022 | 1206TF-3-.022-1.6-* | .150 | .230 | .531 |
| .027 | 1206TF-3-.027-0-* | .150 | .240 | .531 | .027 | 1206TF-3-.027-1-* | .180 | .250 | .531 | .027 | 1206TF-3-.027-1.6-* | .180 | .250 | .531 |
| .033 | 1206TF-3-.033-0-* | .170 | .260 | .531 | .033 | 1206TF-3-.033-1-* | .200 | .270 | .531 | .033 | 1206TF-3-.033-1.6-* | .200 | .270 | .531 |
| .039 | 1206TF-3-.039-0-* | .190 | .280 | .531 | .039 | 1206TF-3-.039-1-* | .220 | .290 | .531 | .039 | 1206TF-3-.039-1.6-* | .220 | .290 | .531 |
| .047 | 1206TF-3-.047-0-* | .210 | .310 | .531 | .047 | 1206TF-3-.047-1-* | .190 | .310 | .656 | .047 | 1206TF-3-.047-1.6-* | .190 | .310 | .656 |
| .056 | 1206TF-3-.056-0-* | .230 | .330 | .531 | .056 | 1206TF-3-.056-1-* | .210 | .280 | .656 | .056 | 1206TF-3-.056-1.6-* | .210 | .280 | .656 |
| .068 | 1206TF-3-.068-0-* | .200 | .300 | .656 | .068 | 1206TF-3-.068-1-* | .230 | .300 | .656 | .068 | 1206TF-3-.068-1.6-* | .230 | .300 | .656 |
| .082 | 1206TF-3-.082-0-* | .230 | .320 | .656 | .082 | 1206TF-3-.082-1-* | .260 | .330 | .656 | .082 | 1206TF-3-.082-1.6-* | .260 | .330 | .656 |
| .1 | 1206TF-3-.1-0-* | .250 | .350 | .656 | .1 | 1206TF-3-.1-1-* | .290 | .360 | .656 | .1 | 1206TF-3-.1-1.6-* | .290 | .360 | .656 |
| .12 | 1206TF-3-.12-0-* | .280 | .380 | .656 | .12 | 1206TF-3-.12-1-* | .260 | .390 | .781 | .12 | 1206TF-3-.12-1.6-* | .260 | .390 | .781 |
| .15 | 1206TF-3-.15-0-* | .320 | .420 | .656 | .15 | 1206TF-3-.15-1-* | .290 | .380 | .781 | .15 | 1206TF-3-.15-1.6-* | .290 | .380 | .781 |
| .18 | 1206TF-3-.18-0-* | .300 | .390 | .781 | .18 | 1206TF-3-.18-1-* | .330 | .420 | .781 | .18 | 1206TF-3-.18-1.6-* | .330 | .420 | .781 |
| .22 | 1206TF-3-.22-0-* | .330 | .430 | .781 | .22 | 1206TF-3-.22-1-* | .320 | .450 | .906 | .22 | 1206TF-3-.22-1.6-* | .320 | .450 | .906 |
| .27 | 1206TF-3-.27-0-* | .330 | .420 | .906 | .27 | 1206TF-3-.27-1-* | .360 | .490 | .906 | .27 | 1206TF-3-.27-1.6-* | .360 | .490 | .906 |
| .33 | 1206TF-3-.33-0-* | .370 | .460 | .906 | .33 | 1206TF-3-.33-1-* | .410 | .530 | .906 | .33 | 1206TF-3-.33-1.6-* | .410 | .530 | .906 |
| .39 | 1206TF-3-.39-0-* | .410 | .500 | .906 | .39 | 1206TF-3-.39-1-* | .350 | .510 | 1.190 | .39 | 1206TF-3-.39-1.6-* | .350 | .510 | 1.190 |
| .47 | 1206TF-3-.47-0-* | .370 | .460 | 1.190 | .47 | 1206TF-3-.47-1-* | .390 | .560 | 1.190 | .47 | 1206TF-3-.47-1.6-* | .390 | .560 | 1.190 |
| .56 | 1206TF-3-.56-0-* | .410 | .500 | 1.190 | .56 | 1206TF-3-.56-1-* | .430 | .600 | 1.190 | .56 | 1206TF-3-.56-1.6-* | .430 | .600 | 1.190 |
| .68 | 1206TF-3-.68-0-* | .450 | .550 | 1.190 | .68 | 1206TF-3-.68-1-* | .480 | .650 | 1.190 | .68 | 1206TF-3-.68-1.6-* | .480 | .650 | 1.190 |
| .82 | 1206TF-3-.82-0-* | .500 | .600 | 1.190 | .82 | 1206TF-3-.82-1-* | .540 | .710 | 1.190 | .82 | 1206TF-3-.82-1.6-* | .540 | .710 | 1.190 |
| 1.0 | 1206TF-3-1.0-0-* | .560 | .660 | 1.190 | 1.0 | 1206TF-3-1.0-1-* | .520 | .690 | 1.440 | 1.0 | 1206TF-3-1.0-1.6-* | .520 | .690 | 1.440 |
| 1.25 | 1206TF-3-1.25-0-* | .550 | .650 | 1.440 | 1.25 | 1206TF-3-1.25-1-* | .590 | .760 | 1.440 | 1.25 | 1206TF-3-1.25-1.6-* | .590 | .760 | 1.440 |
| 1.5 | 1206TF-3-1.5-0-* | .610 | .700 | 1.440 | 1.5 | 1206TF-3-1.5-1-* | .570 | .770 | 1.690 | 1.5 | 1206TF-3-1.5-1.6-* | .570 | .770 | 1.690 |
| 2.0 | 1206TF-3-2.0-0-* | .570 | .670 | 1.440 | 2.0 | 1206TF-3-2.0-1-* | .670 | .870 | 1.690 | 2.0 | 1206TF-3-2.0-1.6-* | .670 | .870 | 1.690 |
| 3.0 | 1206TF-3-3.0-0-* | .620 | .750 | 1.690 | 3.0 | 1206TF-3-3.0-1-* | .770 | .970 | 1.940 | 3.0 | 1206TF-3-3.0-1.6-* | .770 | .970 | 1.940 |
| 4.0 | 1206TF-3-4.0-0-* | .730 | .850 | 1.690 | 4.0 | 1206TF-3-4.0-1-* | .900 | 1.100 | 1.940 | 4.0 | 1206TF-3-4.0-1.6-* | .900 | 1.100 | 1.940 |
| 5.0 | 1206TF-3-5.0-0-* | | | | 5.0 | 1206TF-3-5.0-1-* | 1.020 | 1.220 | 1.940 | 5.0 | 1206TF-3-5.0-1.6-* | 1.020 | 1.220 | 1.940 |

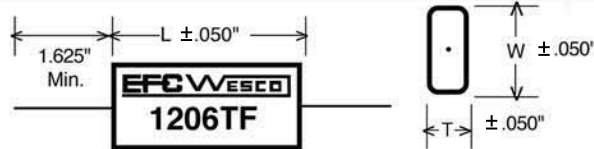
* - Please insert appropriate tolerance code



1206TF Oval Wrap & Fill

Polypropylene and Foil Capacitors

Lead Spec.
Tinned Copperweld
Under .190T = 24 AWG
.190 - .380T = 22AWG
Above .380T = 20 AWG



Dimensions and Ratings

| 200 VDC | | | | | 400 VDC | | | | | 600 VDC | | | | |
|--------------|--------------------|-------|-------|-------|--------------|--------------------|-------|-------|-------|--------------|--------------------|-------|-------|-------|
| Cap. μ F | Part # | T | W | L | Cap. μ F | Part # | T | W | L | Cap. μ F | Part # | T | W | L |
| .001 | 1206TF-3-.001-2-* | .120 | .210 | .406 | .001 | 1206TF-3-.001-4-* | .120 | .210 | .406 | .001 | 1206TF-3-.001-6-* | .120 | .210 | .531 |
| .0012 | 1206TF-3-.0012-2-* | .120 | .210 | .406 | .0012 | 1206TF-3-.0012-4-* | .120 | .210 | .406 | .0012 | 1206TF-3-.0012-6-* | .120 | .210 | .531 |
| .0015 | 1206TF-3-.0015-2-* | .120 | .210 | .406 | .0015 | 1206TF-3-.0015-4-* | .130 | .230 | .406 | .0015 | 1206TF-3-.0015-6-* | .120 | .210 | .531 |
| .0022 | 1206TF-3-.0022-2-* | .120 | .210 | .406 | .0022 | 1206TF-3-.0022-4-* | .170 | .260 | .406 | .0022 | 1206TF-3-.0022-6-* | .140 | .240 | .531 |
| .0027 | 1206TF-3-.0027-2-* | .120 | .210 | .406 | .0027 | 1206TF-3-.0027-4-* | .190 | .280 | .406 | .0027 | 1206TF-3-.0027-6-* | .160 | .260 | .531 |
| .0039 | 1206TF-3-.0039-2-* | .120 | .220 | .406 | .0039 | 1206TF-3-.0039-4-* | .120 | .210 | .531 | .0039 | 1206TF-3-.0039-6-* | .210 | .300 | .531 |
| .0047 | 1206TF-3-.0047-2-* | .140 | .230 | .406 | .0047 | 1206TF-3-.0047-4-* | .130 | .230 | .531 | .0047 | 1206TF-3-.0047-6-* | .230 | .320 | .531 |
| .0056 | 1206TF-3-.0056-2-* | .150 | .250 | .406 | .0056 | 1206TF-3-.0056-4-* | .150 | .240 | .531 | .0056 | 1206TF-3-.0056-6-* | .170 | .260 | .656 |
| .0068 | 1206TF-3-.0068-2-* | .170 | .270 | .406 | .0068 | 1206TF-3-.0068-4-* | .170 | .260 | .531 | .0068 | 1206TF-3-.0068-6-* | .190 | .280 | .656 |
| .0082 | 1206TF-3-.0082-2-* | .110 | .210 | .531 | .0082 | 1206TF-3-.0082-4-* | .190 | .280 | .531 | .0082 | 1206TF-3-.0082-6-* | .210 | .310 | .656 |
| .01 | 1206TF-3-.01-2-* | .130 | .220 | .531 | .01 | 1206TF-3-.01-4-* | .210 | .300 | .531 | .01 | 1206TF-3-.01-6-* | .240 | .330 | .656 |
| .012 | 1206TF-3-.012-2-* | .140 | .240 | .531 | .012 | 1206TF-3-.012-4-* | .230 | .330 | .531 | .012 | 1206TF-3-.012-6-* | .270 | .360 | .656 |
| .015 | 1206TF-3-.015-2-* | .160 | .260 | .531 | .015 | 1206TF-3-.015-4-* | .200 | .290 | .656 | .015 | 1206TF-3-.015-6-* | .300 | .400 | .656 |
| .018 | 1206TF-3-.018-2-* | .180 | .280 | .531 | .018 | 1206TF-3-.018-4-* | .220 | .310 | .656 | .018 | 1206TF-3-.018-6-* | .350 | .380 | .781 |
| .022 | 1206TF-3-.022-2-* | .210 | .300 | .531 | .022 | 1206TF-3-.022-4-* | .250 | .340 | .656 | .022 | 1206TF-3-.022-6-* | .280 | .410 | .781 |
| .027 | 1206TF-3-.027-2-* | .180 | .270 | .656 | .027 | 1206TF-3-.027-4-* | .280 | .370 | .656 | .027 | 1206TF-3-.027-6-* | .320 | .450 | .781 |
| .033 | 1206TF-3-.033-2-* | .200 | .300 | .656 | .033 | 1206TF-3-.033-4-* | .310 | .410 | .656 | .033 | 1206TF-3-.033-6-* | .300 | .430 | .906 |
| .039 | 1206TF-3-.039-2-* | .220 | .320 | .656 | .039 | 1206TF-3-.039-4-* | .270 | .400 | .781 | .039 | 1206TF-3-.039-6-* | .340 | .460 | .906 |
| .047 | 1206TF-3-.047-2-* | .250 | .340 | .656 | .047 | 1206TF-3-.047-4-* | .300 | .430 | .781 | .047 | 1206TF-3-.047-6-* | .380 | .500 | .906 |
| .056 | 1206TF-3-.056-2-* | .280 | .370 | .656 | .056 | 1206TF-3-.056-4-* | .340 | .460 | .781 | .056 | 1206TF-3-.056-6-* | .420 | .540 | .906 |
| .068 | 1206TF-3-.068-2-* | .310 | .400 | .656 | .068 | 1206TF-3-.068-4-* | .320 | .450 | .906 | .068 | 1206TF-3-.068-6-* | .350 | .510 | 1.190 |
| .082 | 1206TF-3-.082-2-* | .270 | .400 | .781 | .082 | 1206TF-3-.082-4-* | .360 | .490 | .906 | .082 | 1206TF-3-.082-6-* | .390 | .560 | 1.190 |
| .1 | 1206TF-3-.1-2-* | .310 | .430 | .781 | .1 | 1206TF-3-.1-4-* | .410 | .530 | .906 | .1 | 1206TF-3-.1-6-* | .440 | .610 | 1.190 |
| .12 | 1206TF-3-.12-2-* | .340 | .470 | .781 | .12 | 1206TF-3-.12-4-* | .350 | .510 | 1.190 | .12 | 1206TF-3-.12-6-* | .490 | .660 | 1.190 |
| .15 | 1206TF-3-.15-2-* | .340 | .460 | .906 | .15 | 1206TF-3-.15-4-* | .400 | .560 | 1.190 | .15 | 1206TF-3-.15-6-* | .560 | .720 | 1.190 |
| .18 | 1206TF-3-.18-2-* | .380 | .500 | .906 | .18 | 1206TF-3-.18-4-* | .440 | .610 | 1.190 | .18 | 1206TF-3-.18-6-* | .520 | .690 | 1.440 |
| .22 | 1206TF-3-.22-2-* | .420 | .550 | .906 | .22 | 1206TF-3-.22-4-* | .500 | .660 | 1.190 | .22 | 1206TF-3-.22-6-* | .590 | .750 | 1.440 |
| .27 | 1206TF-3-.27-2-* | .370 | .540 | 1.190 | .27 | 1206TF-3-.27-4-* | .560 | .730 | 1.190 | .27 | 1206TF-3-.27-6-* | .570 | .760 | 1.690 |
| .33 | 1206TF-3-.33.5-* | .420 | .580 | 1.190 | .33 | 1206TF-3-.33.5-* | .540 | .700 | 1.440 | .33 | 1206TF-3-.33.5-* | .640 | .830 | 1.690 |
| .39 | 1206TF-3-.39-2-* | .460 | .630 | 1.190 | .39 | 1206TF-3-.39-4-* | .590 | .760 | 1.440 | .39 | 1206TF-3-.39-6-* | .700 | .900 | 1.690 |
| .47 | 1206TF-3-.47-2-* | .510 | .680 | 1.190 | .47 | 1206TF-3-.47-4-* | .570 | .760 | 1.690 | .47 | 1206TF-3-.47-6-* | .700 | .900 | 1.940 |
| .56 | 1206TF-3-.56-2-* | .490 | .650 | 1.440 | .56 | 1206TF-3-.56-4-* | .630 | .830 | 1.690 | .56 | 1206TF-3-.56-6-* | .780 | .970 | 1.940 |
| .68 | 1206TF-3-.68-2-* | .550 | .710 | 1.440 | .68 | 1206TF-3-.68-4-* | .700 | .900 | 1.690 | .68 | 1206TF-3-.68-6-* | .870 | 1.080 | 1.940 |
| .82 | 1206TF-3-.82-2-* | .610 | .780 | 1.440 | .82 | 1206TF-3-.82-4-* | .710 | .910 | 1.940 | .82 | 1206TF-3-.82-6-* | .960 | 1.180 | 1.940 |
| 1.0 | 1206TF-3-1.0-2-* | .590 | .790 | 1.690 | 1.0 | 1206TF-3-1.0-4-* | .790 | .990 | 1.940 | 1.0 | 1206TF-3-1.0-6-* | .990 | 1.180 | 2.250 |
| 1.25 | 1206TF-3-1.25-2-* | .670 | .870 | 1.690 | 1.25 | 1206TF-3-1.25-4-* | .900 | 1.100 | 1.440 | 1.25 | 1206TF-3-1.25-6-* | 1.120 | 1.310 | 2.250 |
| 1.5 | 1206TF-3-1.5-2-* | .680 | .870 | 1.690 | 1.5 | 1206TF-3-1.5-4-* | .920 | 1.100 | 2.250 | 1.5 | 1206TF-3-1.5-6-* | 1.230 | 1.430 | 2.250 |
| 2.0 | 1206TF-3-2.0-2-* | .800 | .990 | 1.940 | 2.0 | 1206TF-3-2.0-4-* | 1.080 | 1.270 | 2.250 | | | | | |
| 3.0 | 1206TF-3-3.0-2-* | 1.000 | 1.200 | 1.940 | | | | | | | | | | |

* - Please insert appropriate tolerance code



Please consult factory for special requirements, including non-standard values and sizes

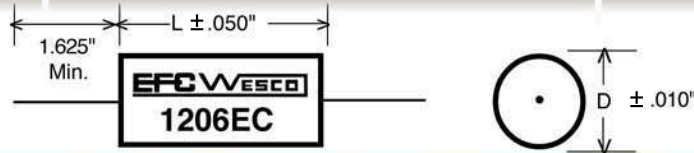
1206EC

Tubular Plastic Case
(Axial Leads)

Polypropylene and Foil Capacitors

Lead Spec.

Tinned Copperweld
Under .250D = 24 AWG
.250 - .440D = 22AWG
Above .440D = 20 AWG



Dimensions and Ratings

| Cap. | | 50 VDC | | |
|-------|--------------------|--------|-------|--|
| μF | Part # | D | L | |
| .001 | 1206EC-3-.001-0-* | .187 | .375 | |
| .0012 | 1206EC-3-.0012-0-* | .187 | .375 | |
| .0015 | 1206EC-3-.0015-0-* | .187 | .375 | |
| .0022 | 1206EC-3-.0022-0-* | .187 | .375 | |
| .0027 | 1206EC-3-.0027-0-* | .187 | .375 | |
| .0039 | 1206EC-3-.0039-0-* | .187 | .375 | |
| .0047 | 1206EC-3-.0047-0-* | .187 | .375 | |
| .0056 | 1206EC-3-.0056-0-* | .225 | .375 | |
| .0068 | 1206EC-3-.0068-0-* | .225 | .375 | |
| .0082 | 1206EC-3-.0082-0-* | .225 | .375 | |
| .01 | 1206EC-3-.01-0-* | .225 | .500 | |
| .012 | 1206EC-3-.012-0-* | .225 | .500 | |
| .015 | 1206EC-3-.015-0-* | .225 | .500 | |
| .018 | 1206EC-3-.018-0-* | .225 | .500 | |
| .022 | 1206EC-3-.022-0-* | .260 | .550 | |
| .027 | 1206EC-3-.027-0-* | .260 | .550 | |
| .033 | 1206EC-3-.033-0-* | .250 | .625 | |
| .039 | 1206EC-3-.039-0-* | .250 | .625 | |
| .047 | 1206EC-3-.047-0-* | .312 | .625 | |
| .056 | 1206EC-3-.056-0-* | .312 | .625 | |
| .068 | 1206EC-3-.068-0-* | .312 | .625 | |
| .082 | 1206EC-3-.082-0-* | .312 | .750 | |
| .1 | 1206EC-3-.1-0-* | .312 | .750 | |
| .12 | 1206EC-3-.12-0-* | .375 | .750 | |
| .15 | 1206EC-3-.15-0-* | .375 | .750 | |
| .18 | 1206EC-3-.18-0-* | .375 | .875 | |
| .22 | 1206EC-3-.22-0-* | .437 | .875 | |
| .27 | 1206EC-3-.27-0-* | .437 | .875 | |
| .33 | 1206EC-3-.33-0-* | .500 | .875 | |
| .39 | 1206EC-3-.39-0-* | .500 | 1.190 | |
| .47 | 1206EC-3-.47-0-* | .500 | 1.190 | |

| Cap. | | 100 VDC | | |
|-------|--------------------|---------|-------|--|
| μF | Part # | D | L | |
| .001 | 1206EC-3-.001-1-* | .187 | .375 | |
| .0012 | 1206EC-3-.0012-1-* | .187 | .375 | |
| .0015 | 1206EC-3-.0015-1-* | .187 | .375 | |
| .0022 | 1206EC-3-.0022-1-* | .187 | .375 | |
| .0027 | 1206EC-3-.0027-1-* | .187 | .375 | |
| .0039 | 1206EC-3-.0039-1-* | .187 | .375 | |
| .0047 | 1206EC-3-.0047-1-* | .225 | .375 | |
| .0056 | 1206EC-3-.0056-1-* | .225 | .375 | |
| .0068 | 1206EC-3-.0068-1-* | .187 | .500 | |
| .0082 | 1206EC-3-.0082-1-* | .187 | .500 | |
| .01 | 1206EC-3-.01-1-* | .225 | .500 | |
| .012 | 1206EC-3-.012-1-* | .225 | .500 | |
| .015 | 1206EC-3-.015-1-* | .225 | .500 | |
| .018 | 1206EC-3-.018-1-* | .260 | .550 | |
| .022 | 1206EC-3-.022-1-* | .260 | .550 | |
| .027 | 1206EC-3-.027-1-* | .250 | .625 | |
| .033 | 1206EC-3-.033-1-* | .250 | .625 | |
| .039 | 1206EC-3-.039-1-* | .312 | .625 | |
| .047 | 1206EC-3-.047-1-* | .312 | .625 | |
| .056 | 1206EC-3-.056-1-* | .312 | .625 | |
| .068 | 1206EC-3-.068-1-* | .312 | .750 | |
| .082 | 1206EC-3-.082-1-* | .375 | .750 | |
| .1 | 1206EC-3-.1-1-* | .375 | .750 | |
| .12 | 1206EC-3-.12-1-* | .375 | .750 | |
| .15 | 1206EC-3-.15-1-* | .375 | .875 | |
| .18 | 1206EC-3-.18-1-* | .437 | .875 | |
| .22 | 1206EC-3-.22-1-* | .437 | .875 | |
| .27 | 1206EC-3-.27-1-* | .500 | .875 | |
| .33 | 1206EC-3-.33-1-* | .500 | 1.190 | |
| .39 | 1206EC-3-.39-1-* | .500 | 1.190 | |

| Cap. | | 160 VDC | | |
|-------|----------------------|---------|-------|--|
| μF | Part # | D | L | |
| .001 | 1206EC-3-.001-1.6-* | .187 | .375 | |
| .0012 | 1206EC-3-.0012-1.6-* | .187 | .375 | |
| .0015 | 1206EC-3-.0015-1.6-* | .187 | .375 | |
| .0022 | 1206EC-3-.0022-1.6-* | .187 | .375 | |
| .0027 | 1206EC-3-.0027-1.6-* | .187 | .375 | |
| .0039 | 1206EC-3-.0039-1.6-* | .187 | .375 | |
| .0047 | 1206EC-3-.0047-1.6-* | .225 | .375 | |
| .0056 | 1206EC-3-.0056-1.6-* | .225 | .375 | |
| .0068 | 1206EC-3-.0068-1.6-* | .187 | .500 | |
| .0082 | 1206EC-3-.0082-1.6-* | .187 | .500 | |
| .01 | 1206EC-3-.01-1.6-* | .225 | .500 | |
| .012 | 1206EC-3-.012-1.6-* | .225 | .500 | |
| .015 | 1206EC-3-.015-1.6-* | .225 | .500 | |
| .018 | 1206EC-3-.018-1.6-* | .260 | .550 | |
| .022 | 1206EC-3-.022-1.6-* | .260 | .550 | |
| .027 | 1206EC-3-.027-1.6-* | .250 | .625 | |
| .033 | 1206EC-3-.033-1.6-* | .250 | .625 | |
| .039 | 1206EC-3-.039-1.6-* | .312 | .625 | |
| .047 | 1206EC-3-.047-1.6-* | .312 | .625 | |
| .056 | 1206EC-3-.056-1.6-* | .312 | .625 | |
| .068 | 1206EC-3-.068-1.6-* | .312 | .750 | |
| .082 | 1206EC-3-.082-1.6-* | .375 | .750 | |
| .1 | 1206EC-3-.1-1.6-* | .375 | .750 | |
| .12 | 1206EC-3-.12-1.6-* | .375 | .750 | |
| .15 | 1206EC-3-.15-1.6-* | .375 | .875 | |
| .18 | 1206EC-3-.18-1.6-* | .437 | .875 | |
| .22 | 1206EC-3-.22-1.6-* | .437 | .875 | |
| .27 | 1206EC-3-.27-1.6-* | .500 | .875 | |
| .33 | 1206EC-3-.33-1.6-* | .500 | 1.190 | |
| .39 | 1206EC-3-.39-1.6-* | .500 | 1.190 | |

* - Please insert appropriate tolerance code

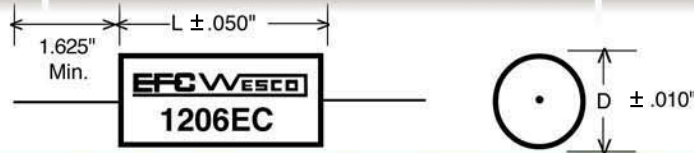


Please consult factory for special requirements, including non-standard values and sizes

1206EC
Tubular Plastic Case
(Axial Leads)

**Polypropylene and
Foil Capacitors**

Lead Spec.
Tinned Copperweld
Under .250D = 24 AWG
.250 - .440D = 22AWG
Above .440D = 20 AWG



Dimensions and Ratings

| 200 VDC | | | | |
|--------------|--------------------|------|-------|--|
| Cap. μ F | Part # | D | L | |
| .001 | 1206EC-3-.001-2-* | .187 | .375 | |
| .0012 | 1206EC-3-.0012-2-* | .187 | .375 | |
| .0015 | 1206EC-3-.0015-2-* | .187 | .375 | |
| .0022 | 1206EC-3-.0022-2-* | .187 | .375 | |
| .0027 | 1206EC-3-.0027-2-* | .225 | .375 | |
| .0039 | 1206EC-3-.0039-2-* | .225 | .375 | |
| .0047 | 1206EC-3-.0047-2-* | .225 | .500 | |
| .0056 | 1206EC-3-.0056-2-* | .225 | .500 | |
| .0068 | 1206EC-3-.0068-2-* | .225 | .500 | |
| .0082 | 1206EC-3-.0082-2-* | .225 | .500 | |
| .01 | 1206EC-3-.01-2-* | .260 | .550 | |
| .012 | 1206EC-3-.012-2-* | .260 | .550 | |
| .015 | 1206EC-3-.015-2-* | .250 | .625 | |
| .018 | 1206EC-3-.018-2-* | .250 | .625 | |
| .022 | 1206EC-3-.022-2-* | .312 | .625 | |
| .027 | 1206EC-3-.027-2-* | .312 | .625 | |
| .033 | 1206EC-3-.033-2-* | .312 | .625 | |
| .039 | 1206EC-3-.039-2-* | .312 | .625 | |
| .047 | 1206EC-3-.047-2-* | .312 | .750 | |
| .056 | 1206EC-3-.056-2-* | .375 | .750 | |
| .068 | 1206EC-3-.068-2-* | .375 | .750 | |
| .082 | 1206EC-3-.082-2-* | .375 | .875 | |
| .1 | 1206EC-3-.1-2-* | .437 | .875 | |
| .12 | 1206EC-3-.12-2-* | .437 | .875 | |
| .15 | 1206EC-3-.15-2-* | .500 | .875 | |
| .18 | 1206EC-3-.18-2-* | .500 | .875 | |
| .22 | 1206EC-3-.22-2-* | .500 | 1.190 | |

| 400 VDC | | | | |
|--------------|--------------------|------|-------|--|
| Cap. μ F | Part # | D | L | |
| .001 | 1206EC-3-.001-4-* | .225 | .375 | |
| .0012 | 1206EC-3-.0012-4-* | .225 | .375 | |
| .0015 | 1206EC-3-.0015-4-* | .225 | .375 | |
| .0022 | 1206EC-3-.0022-4-* | .187 | .500 | |
| .0027 | 1206EC-3-.0027-4-* | .225 | .500 | |
| .0039 | 1206EC-3-.0039-4-* | .225 | .500 | |
| .0047 | 1206EC-3-.0047-4-* | .260 | .550 | |
| .0056 | 1206EC-3-.0056-4-* | .260 | .550 | |
| .0068 | 1206EC-3-.0068-4-* | .225 | .625 | |
| .0082 | 1206EC-3-.0082-4-* | .250 | .625 | |
| .01 | 1206EC-3-.01-4-* | .250 | .625 | |
| .012 | 1206EC-3-.012-4-* | .312 | .625 | |
| .015 | 1206EC-3-.015-4-* | .312 | .625 | |
| .018 | 1206EC-3-.018-4-* | .312 | .625 | |
| .022 | 1206EC-3-.022-4-* | .312 | .750 | |
| .027 | 1206EC-3-.027-4-* | .375 | .750 | |
| .033 | 1206EC-3-.033-4-* | .375 | .750 | |
| .039 | 1206EC-3-.039-4-* | .375 | .875 | |
| .047 | 1206EC-3-.047-4-* | .437 | .875 | |
| .056 | 1206EC-3-.056-4-* | .437 | .875 | |
| .068 | 1206EC-3-.068-4-* | .500 | .875 | |
| .082 | 1206EC-3-.082-4-* | .500 | .875 | |
| .1 | 1206EC-3-.1-4-* | .500 | 1.190 | |
| .12 | 1206EC-3-.12-4-* | .500 | 1.190 | |

| 600 VDC | | | | |
|--------------|--------------------|------|-------|--|
| Cap. μ F | Part # | D | L | |
| .001 | 1206EC-3-.001-6-* | .225 | .500 | |
| .0012 | 1206EC-3-.0012-6-* | .225 | .500 | |
| .0015 | 1206EC-3-.0015-6-* | .225 | .500 | |
| .0022 | 1206EC-3-.0022-6-* | .260 | .550 | |
| .0027 | 1206EC-3-.0027-6-* | .260 | .550 | |
| .0039 | 1206EC-3-.0039-6-* | .250 | .625 | |
| .0047 | 1206EC-3-.0047-6-* | .250 | .625 | |
| .0056 | 1206EC-3-.0056-6-* | .312 | .625 | |
| .0068 | 1206EC-3-.0068-6-* | .312 | .625 | |
| .0082 | 1206EC-3-.0082-6-* | .312 | .625 | |
| .01 | 1206EC-3-.01-6-* | .312 | .750 | |
| .012 | 1206EC-3-.012-6-* | .312 | .750 | |
| .015 | 1206EC-3-.015-6-* | .375 | .750 | |
| .018 | 1206EC-3-.018-6-* | .375 | .750 | |
| .022 | 1206EC-3-.022-6-* | .375 | .875 | |
| .027 | 1206EC-3-.027-6-* | .437 | .875 | |
| .033 | 1206EC-3-.033-6-* | .437 | .870 | |
| .039 | 1206EC-3-.039-6-* | .500 | .875 | |
| .047 | 1206EC-3-.047-6-* | .500 | .875 | |
| .056 | 1206EC-3-.056-6-* | .500 | 1.190 | |
| .068 | 1206EC-3-.068-6-* | .500 | 1.190 | |

* - Please insert appropriate tolerance code



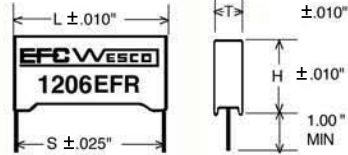
Please consult factory for special requirements, including non-standard values and sizes

1206EFR
Rectangular Plastic Case
(Radial Leads)

**Polypropylene and
Foil Capacitors**

**Lead Specs -
Tinned Copperweld**
B through E cases: 22 AWG
F through Q cases: 20 AWG

**Dimensions
and Ratings**



| 63 VDC / 40 VAC | | | | | |
|-----------------|-----------------------|-------------|-------------|-------------|-------------|
| Cap. | Part # | T | L | H | S |
| μF | | in. (mm) | in. (mm) | in. (mm) | in. (mm) |
| .001 | 1206EFR-B-.001-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0012 | 1206EFR-B-.0012-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0015 | 1206EFR-B-.0015-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0022 | 1206EFR-B-.0022-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0027 | 1206EFR-B-.0027-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0039 | 1206EFR-B-.0039-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0047 | 1206EFR-B-.0047-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0056 | 1206EFR-B-.0056-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0068 | 1206EFR-B-.0068-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0082 | 1206EFR-B-.0082-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .01 | 1206EFR-B-.01-.63-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .012 | 1206EFR-C-.012-.63-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .015 | 1206EFR-C-.015-.63-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .018 | 1206EFR-C-.018-.63-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .022 | 1206EFR-C-.022-.63-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .027 | 1206EFR-D-.027-.63-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .033 | 1206EFR-D-.033-.63-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .039 | 1206EFR-E-.039-.63-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .047 | 1206EFR-E-.047-.63-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .056 | 1206EFR-E-.056-.63-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .068 | 1206EFR-G-.068-.63-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .082 | 1206EFR-G-.082-.63-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .1 | 1206EFR-H-.1-.63-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .12 | 1206EFR-H-.12-.63-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .15 | 1206EFR-J-.15-.63-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .787 (20.0) |
| .15 | 1206EFR-L-.15-.63-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .886 (22.5) |
| .18 | 1206EFR-K-.18-.63-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .18 | 1206EFR-M-.18-.63-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .22 | 1206EFR-N-.22-.63-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .27 | 1206EFR-N-.27-.63-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .33 | 1206EFR-O-.33-.63-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .39 | 1206EFR-O-.39-.63-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .47 | 1206EFR-P-.47-.63-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .56 | 1206EFR-P-.56-.63-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .68 | 1206EFR-P-.68-.63-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .82 | 1206EFR-Q-.82-.63-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |

| 160 VDC / 100 VAC | | | | | |
|-------------------|-----------------------|-------------|-------------|-------------|-------------|
| Cap. | Part # | T | L | H | S |
| μF | | in. (mm) | in. (mm) | in. (mm) | in. (mm) |
| .001 | 1206EFR-B-.001-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0012 | 1206EFR-B-.0012-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0015 | 1206EFR-B-.0015-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0022 | 1206EFR-B-.0022-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0027 | 1206EFR-B-.0027-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0039 | 1206EFR-B-.0039-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0047 | 1206EFR-B-.0047-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0056 | 1206EFR-B-.0056-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0068 | 1206EFR-B-.0068-1.6-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0082 | 1206EFR-C-.0082-1.6-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .01 | 1206EFR-C-.01-1.6-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .012 | 1206EFR-C-.012-1.6-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .015 | 1206EFR-C-.015-1.6-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .018 | 1206EFR-C-.018-1.6-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .022 | 1206EFR-D-.022-1.6-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .027 | 1206EFR-D-.027-1.6-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .033 | 1206EFR-E-.033-1.6-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .039 | 1206EFR-E-.039-1.6-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .047 | 1206EFR-F-.047-1.6-* | .197 (5.0) | .709 (18.0) | .433 (11.0) | .591 (15.0) |
| .056 | 1206EFR-G-.056-1.6-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .068 | 1206EFR-G-.068-1.6-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .082 | 1206EFR-H-.082-1.6-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .1 | 1206EFR-H-.1-1.6-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .12 | 1206EFR-J-.12-1.6-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .787 (20.0) |
| .12 | 1206EFR-L-.12-1.6-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .886 (22.5) |
| .15 | 1206EFR-K-.15-1.6-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .15 | 1206EFR-M-.15-1.6-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .18 | 1206EFR-N-.18-1.6-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .22 | 1206EFR-N-.22-1.6-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .27 | 1206EFR-O-.27-1.6-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .33 | 1206EFR-O-.33-1.6-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .39 | 1206EFR-P-.39-1.6-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .47 | 1206EFR-P-.47-1.6-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .56 | 1206EFR-Q-.56-1.6-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |
| .68 | 1206EFR-Q-.68-1.6-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |

* - Please insert appropriate tolerance code



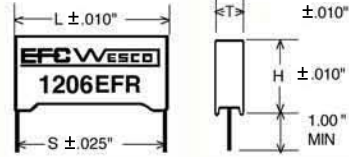
Please consult factory for special requirements, including non-standard values and sizes

1206EFR
Rectangular Plastic Case
(Radial Leads)

**Polypropylene and
Foil Capacitors**

**Lead Specs -
Tinned Copperweld**
B through E cases: 22 AWG
F through Q cases: 20 AWG

**Dimensions
and Ratings**



| 250 VDC / 160 VAC | | | | | |
|-------------------|-----------------------|---------------|---------------|---------------|---------------|
| Cap. | Part # | T in. (mm) | L in. (mm) | H in. (mm) | S in. (mm) |
| .001 | 1206EFR-B-.001-2.5-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0012 | 1206EFR-B-.0012-2.5-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0015 | 1206EFR-B-.0015-2.5-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0022 | 1206EFR-B-.0022-2.5-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0027 | 1206EFR-B-.0027-2.5-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0039 | 1206EFR-B-.0039-2.5-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0047 | 1206EFR-C-.0047-2.5-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0056 | 1206EFR-C-.0056-2.5-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0068 | 1206EFR-C-.0068-2.5-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0082 | 1206EFR-C-.0082-2.5-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .01 | 1206EFR-C-.01-2.5-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .012 | 1206EFR-C-.012-2.5-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .015 | 1206EFR-D-.015-2.5-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .018 | 1206EFR-D-.018-2.5-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .022 | 1206EFR-E-.022-2.5-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .027 | 1206EFR-E-.027-2.5-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .033 | 1206EFR-G-.033-2.5-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .039 | 1206EFR-G-.039-2.5-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .047 | 1206EFR-H-.047-2.5-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .056 | 1206EFR-H-.056-2.5-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .068 | 1206EFR-J-.068-2.5-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .787 (20.0) |
| .068 | 1206EFR-L-.068-2.5-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .886 (22.5) |
| .082 | 1206EFR-K-.082-2.5-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .082 | 1206EFR-M-.082-2.5-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .1 | 1206EFR-K-.1-2.5-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .1 | 1206EFR-M-.1-2.5-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .12 | 1206EFR-N-.12-2.5-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .15 | 1206EFR-O-.15-2.5-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .18 | 1206EFR-O-.18-2.5-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .22 | 1206EFR-P-.22-2.5-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .27 | 1206EFR-P-.27-2.5-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .33 | 1206EFR-Q-.33-2.5-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .39 | 1206EFR-Q-.39-2.5-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |

| 400 VDC / 220 VAC | | | | | |
|-------------------|---------------------|---------------|---------------|---------------|---------------|
| Cap. | Part # | T in. (mm) | L in. (mm) | H in. (mm) | S in. (mm) |
| .001 | 1206EFR-B-.001-4-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0012 | 1206EFR-B-.0012-4-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0015 | 1206EFR-B-.0015-4-* | .157 (4.0) | .413 (10.5) | .354 (9.0) | .295 (7.5) |
| .0022 | 1206EFR-C-.0022-4-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0027 | 1206EFR-C-.0027-4-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0039 | 1206EFR-C-.0039-4-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0047 | 1206EFR-C-.0047-4-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0056 | 1206EFR-C-.0056-4-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0068 | 1206EFR-D-.0068-4-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .0082 | 1206EFR-E-.0082-4-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .01 | 1206EFR-E-.01-4-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .012 | 1206EFR-F-.012-4-* | .197 (5.0) | .709 (18.0) | .433 (11.0) | .591 (15.0) |
| .015 | 1206EFR-G-.015-4-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .018 | 1206EFR-H-.018-4-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .022 | 1206EFR-H-.022-4-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .027 | 1206EFR-H-.027-4-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .033 | 1206EFR-J-.033-4-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .787 (20.0) |
| .033 | 1206EFR-L-.033-4-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .886 (22.5) |
| .039 | 1206EFR-K-.039-4-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .039 | 1206EFR-M-.039-4-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .047 | 1206EFR-K-.047-4-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .047 | 1206EFR-M-.047-4-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .056 | 1206EFR-N-.056-4-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .068 | 1206EFR-N-.068-4-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .082 | 1206EFR-O-.082-4-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .1 | 1206EFR-P-.1-4-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .12 | 1206EFR-P-.12-4-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .15 | 1206EFR-P-.15-4-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .18 | 1206EFR-Q-.18-4-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |
| .22 | 1206EFR-Q-.22-4-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |

* - Please insert appropriate tolerance code



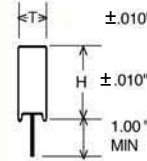
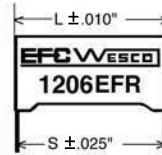
Please consult factory for special requirements, including non-standard values and sizes

1206EFR
Rectangular Plastic Case
(Radial Leads)

Polypropylene and Foil Capacitors

Lead Specs -
Tinned Copperweld
B through E cases: 22 AWG
F through Q cases: 20 AWG

Dimensions and Ratings



| Cap. | 630 VDC / 250 VAC | | | | |
|-------|-----------------------|---------------|---------------|---------------|---------------|
| μF | Part # | T in. (mm) | L in. (mm) | H in. (mm) | S in. (mm) |
| .001 | 1206EFR-C-.001-6.3-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0012 | 1206EFR-C-.0012-6.3-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0015 | 1206EFR-C-.0015-6.3-* | .157 (4.0) | .512 (13.0) | .354 (9.0) | .394 (10.0) |
| .0022 | 1206EFR-D-.0022-6.3-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .0027 | 1206EFR-D-.0027-6.3-* | .197 (5.0) | .512 (13.0) | .433 (11.0) | .394 (10.0) |
| .0039 | 1206EFR-E-.0039-6.3-* | .236 (6.0) | .512 (13.0) | .472 (12.0) | .394 (10.0) |
| .0047 | 1206EFR-F-.0047-6.3-* | .197 (5.0) | .709 (18.0) | .433 (11.0) | .591 (15.0) |
| .0056 | 1206EFR-F-.0056-6.3-* | .197 (5.0) | .709 (18.0) | .433 (11.0) | .591 (15.0) |
| .0068 | 1206EFR-G-.0068-6.3-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .0082 | 1206EFR-G-.0082-6.3-* | .236 (6.0) | .709 (18.0) | .472 (12.0) | .591 (15.0) |
| .01 | 1206EFR-H-.01-6.3-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .012 | 1206EFR-H-.012-6.3-* | .295 (7.5) | .709 (18.0) | .531 (13.5) | .591 (15.0) |
| .015 | 1206EFR-J-.015-6.3-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .787 (20.0) |
| .015 | 1206EFR-L-.015-6.3-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .886 (22.5) |
| .018 | 1206EFR-J-.018-6.3-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .787 (20.0) |
| .018 | 1206EFR-L-.018-6.3-* | .236 (6.0) | 1.04 (26.5) | .591 (15.0) | .886 (22.5) |
| .022 | 1206EFR-K-.022-6.3-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .787 (20.0) |
| .022 | 1206EFR-M-.022-6.3-* | .276 (7.0) | 1.04 (26.5) | .630 (16.0) | .886 (22.5) |
| .027 | 1206EFR-N-.027-6.3-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .033 | 1206EFR-N-.033-6.3-* | .335 (8.5) | 1.04 (26.5) | .642 (16.3) | .886 (22.5) |
| .039 | 1206EFR-O-.039-6.3-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .047 | 1206EFR-O-.047-6.3-* | .394 (10.0) | 1.04 (26.5) | .748 (19.0) | .886 (22.5) |
| .056 | 1206EFR-P-.056-6.3-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .068 | 1206EFR-P-.068-6.3-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .082 | 1206EFR-P-.082-6.3-* | .433 (11.0) | 1.26 (32.0) | .787 (20.0) | 1.08 (27.5) |
| .1 | 1206EFR-Q-.1-6.3-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |
| .12 | 1206EFR-Q-.12-6.3-* | .512 (13.0) | 1.26 (32.0) | .866 (22.0) | 1.08 (27.5) |

* - Please insert appropriate tolerance code



Please consult factory for special requirements, including non-standard values and sizes

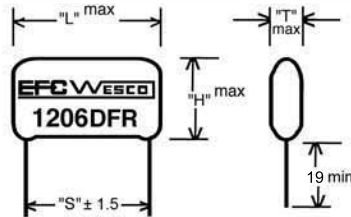
1206DFR

Epoxy Dipped (Radial Leads)

Polypropylene and Foil Capacitors

Lead Specs - Tinned Copperweld

| L | S | DIA |
|------|------|-----|
| 10.5 | 7.5 | 0.6 |
| 13.0 | 10.0 | 0.6 |
| 18.5 | 15.0 | 0.8 |
| 26.0 | 22.0 | 0.8 |
| 31.0 | 27.0 | 0.8 |
| 36.0 | 32.0 | 0.8 |
| 44.0 | 38.0 | 0.8 |



All dimensions in mm

Dimensions and Ratings

| Cap. | 63 VDC | | | |
|------|----------------------|------|------|------|
| μF | Part # | T | H | L |
| .01 | 1206DFR-2-.01-.63-* | 4.5 | 8.0 | 10.5 |
| .012 | 1206DFR-2-.012-.63-* | 4.5 | 8.0 | 10.5 |
| .015 | 1206DFR-2-.015-.63-* | 4.5 | 8.0 | 10.5 |
| .018 | 1206DFR-2-.018-.63-* | 5.0 | 9.0 | 10.5 |
| .022 | 1206DFR-2-.022-.63-* | 5.5 | 10.0 | 10.5 |
| .027 | 1206DFR-2-.027-.63-* | 6.0 | 11.0 | 10.5 |
| .033 | 1206DFR-2-.033-.63-* | 6.5 | 11.5 | 10.5 |
| .039 | 1206DFR-2-.039-.63-* | 5.5 | 11.0 | 13.0 |
| .047 | 1206DFR-2-.047-.63-* | 6.0 | 12.0 | 13.0 |
| .056 | 1206DFR-2-.056-.63-* | 6.5 | 13.0 | 13.0 |
| .068 | 1206DFR-2-.068-.63-* | 7.0 | 14.0 | 13.0 |
| .082 | 1206DFR-2-.082-.63-* | 6.0 | 12.0 | 18.5 |
| .1 | 1206DFR-2-.1-.63-* | 6.5 | 12.5 | 18.5 |
| .12 | 1206DFR-2-.12-.63-* | 7.0 | 13.0 | 18.5 |
| .15 | 1206DFR-2-.15-.63-* | 8.0 | 14.0 | 18.5 |
| .18 | 1206DFR-2-.18-.63-* | 8.5 | 15.5 | 18.5 |
| .22 | 1206DFR-2-.22-.63-* | 9.0 | 16.5 | 18.5 |
| .27 | 1206DFR-2-.27-.63-* | 9.5 | 18.0 | 18.5 |
| .33 | 1206DFR-2-.33-.63-* | 10.5 | 20.0 | 18.5 |
| .39 | 1206DFR-2-.39-.63-* | 11.5 | 22.0 | 18.5 |
| .47 | 1206DFR-2-.47-.63-* | 12.5 | 24.0 | 18.5 |

| Cap. | 100 VDC | | | | |
|-------|---------------------|------|------|------|--|
| μF | Part # | T | H | L | |
| .001 | 1206DFR-3-.001-1-* | 4.0 | 8.0 | 10.5 | |
| .0012 | 1206DFR-3-.0012-1-* | 4.0 | 8.0 | 10.5 | |
| .0015 | 1206DFR-3-.0015-1-* | 4.0 | 8.0 | 10.5 | |
| .0022 | 1206DFR-3-.0022-1-* | 4.0 | 8.0 | 10.5 | |
| .0027 | 1206DFR-3-.0027-1-* | 4.0 | 8.0 | 10.5 | |
| .0039 | 1206DFR-3-.0039-1-* | 4.0 | 8.0 | 10.5 | |
| .0047 | 1206DFR-3-.0047-1-* | 4.0 | 8.0 | 10.5 | |
| .0056 | 1206DFR-3-.0056-1-* | 4.0 | 8.0 | 10.5 | |
| .0068 | 1206DFR-3-.0068-1-* | 4.0 | 8.0 | 10.5 | |
| .0082 | 1206DFR-3-.0082-1-* | 4.0 | 8.0 | 10.5 | |
| .01 | 1206DFR-3-.01-1-* | 4.0 | 8.5 | 10.5 | |
| .012 | 1206DFR-3-.012-1-* | 4.5 | 8.5 | 10.5 | |
| .015 | 1206DFR-3-.015-1-* | 4.5 | 9.0 | 10.5 | |
| .018 | 1206DFR-3-.018-1-* | 4.0 | 8.5 | 13.0 | |
| .022 | 1206DFR-3-.022-1-* | 4.5 | 9.0 | 13.0 | |
| .027 | 1206DFR-3-.027-1-* | 5.0 | 9.0 | 13.0 | |
| .033 | 1206DFR-3-.033-1-* | 5.0 | 10.0 | 13.0 | |
| .039 | 1206DFR-3-.039-1-* | 5.5 | 11.0 | 13.0 | |
| .047 | 1206DFR-3-.047-1-* | 6.0 | 12.0 | 13.0 | |
| .056 | 1206DFR-3-.056-1-* | 5.0 | 10.0 | 18.5 | |
| .068 | 1206DFR-3-.068-1-* | 5.5 | 11.0 | 18.5 | |
| .082 | 1206DFR-3-.082-1-* | 6.0 | 12.0 | 18.5 | |
| .1 | 1206DFR-3-.1-1-* | 6.5 | 12.5 | 18.5 | |
| .12 | 1206DFR-3-.12-1-* | 7.0 | 13.0 | 18.5 | |
| .15 | 1206DFR-3-.15-1-* | 8.0 | 14.0 | 18.5 | |
| .18 | 1206DFR-3-.18-1-* | 8.5 | 15.0 | 18.5 | |
| .22 | 1206DFR-3-.22-1-* | 7.5 | 14.0 | 26.0 | |
| .27 | 1206DFR-3-.27-1-* | 8.5 | 15.0 | 26.0 | |
| .33 | 1206DFR-3-.33-1-* | 9.0 | 16.5 | 26.0 | |
| .39 | 1206DFR-3-.39-1-* | 9.5 | 17.0 | 26.0 | |
| .47 | 1206DFR-3-.47-1-* | 10.0 | 20.0 | 26.0 | |
| .56 | 1206DFR-3-.56-1-* | 9.5 | 18.0 | 31.0 | |
| .68 | 1206DFR-3-.68-1-* | 10.5 | 20.0 | 31.0 | |
| .82 | 1206DFR-3-.82-1-* | 11.5 | 21.0 | 31.0 | |
| 1.0 | 1206DFR-3-1.0-1-* | 13.0 | 24.0 | 31.0 | |

| Cap. | 160 VDC | | | |
|-------|-----------------------|------|------|------|
| μF | Part # | T | H | L |
| .001 | 1206DFR-3-.001-1.6-* | 4.0 | 8.0 | 10.5 |
| .0012 | 1206DFR-3-.0012-1.6-* | 4.0 | 8.0 | 10.5 |
| .0015 | 1206DFR-3-.0015-1.6-* | 4.0 | 8.0 | 10.5 |
| .0022 | 1206DFR-3-.0022-1.6-* | 4.0 | 8.0 | 10.5 |
| .0027 | 1206DFR-3-.0027-1.6-* | 4.0 | 8.0 | 10.5 |
| .0039 | 1206DFR-3-.0039-1.6-* | 4.0 | 8.0 | 10.5 |
| .0047 | 1206DFR-3-.0047-1.6-* | 4.0 | 8.0 | 10.5 |
| .0056 | 1206DFR-3-.0056-1.6-* | 4.0 | 8.0 | 10.5 |
| .0068 | 1206DFR-3-.0068-1.6-* | 4.0 | 8.5 | 10.5 |
| .0082 | 1206DFR-3-.0082-1.6-* | 4.0 | 9.0 | 10.5 |
| .01 | 1206DFR-3-.01-1.6-* | 4.5 | 9.0 | 10.5 |
| .012 | 1206DFR-3-.012-1.6-* | 4.5 | 9.0 | 13.0 |
| .015 | 1206DFR-3-.015-1.6-* | 5.0 | 9.0 | 13.0 |
| .018 | 1206DFR-3-.018-1.6-* | 5.0 | 10.0 | 13.0 |
| .022 | 1206DFR-3-.022-1.6-* | 5.5 | 11.0 | 13.0 |
| .027 | 1206DFR-3-.027-1.6-* | 6.0 | 12.0 | 13.0 |
| .033 | 1206DFR-3-.033-1.6-* | 6.5 | 12.5 | 13.0 |
| .039 | 1206DFR-3-.039-1.6-* | 5.5 | 11.0 | 18.5 |
| .047 | 1206DFR-3-.047-1.6-* | 6.0 | 12.0 | 18.5 |
| .056 | 1206DFR-3-.056-1.6-* | 5.0 | 12.5 | 18.5 |
| .068 | 1206DFR-3-.068-1.6-* | 7.0 | 13.0 | 18.5 |
| .082 | 1206DFR-3-.082-1.6-* | 7.5 | 13.5 | 18.5 |
| .1 | 1206DFR-3-.1-1.6-* | 8.0 | 14.0 | 18.5 |
| .12 | 1206DFR-3-.12-1.6-* | 8.5 | 15.0 | 18.5 |
| .15 | 1206DFR-3-.15-1.6-* | 8.0 | 14.0 | 26.0 |
| .18 | 1206DFR-3-.18-1.6-* | 8.5 | 15.0 | 26.0 |
| .22 | 1206DFR-3-.22-1.6-* | 9.0 | 16.5 | 26.0 |
| .27 | 1206DFR-3-.27-1.6-* | 10.0 | 19.0 | 26.0 |
| .33 | 1206DFR-3-.33-1.6-* | 9.5 | 17.0 | 31.0 |
| .39 | 1206DFR-3-.39-1.6-* | 10.5 | 20.0 | 31.0 |
| .47 | 1206DFR-3-.47-1.6-* | 11.5 | 21.0 | 31.0 |
| .56 | 1206DFR-3-.56-1.6-* | 12.5 | 22.0 | 31.0 |
| .68 | 1206DFR-3-.68-1.6-* | 13.5 | 24.0 | 31.0 |
| .82 | 1206DFR-3-.82-1.6-* | 13.5 | 24.0 | 36.0 |
| 1.0 | 1206DFR-3-1.0-1.6-* | 15.0 | 27.0 | 36.0 |

* - Please insert appropriate tolerance code



Please consult factory for special requirements, including non-standard values and sizes

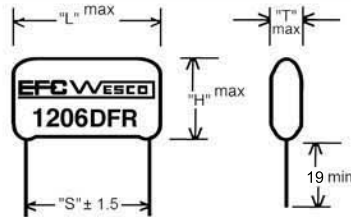
1206DFR

Epoxy Dipped (Radial Leads)

Polypropylene and Foil Capacitors

Lead Specs -
Tinned Copperweld

| L | S | DIA |
|------|------|-----|
| 10.5 | 7.5 | 0.6 |
| 13.0 | 10.0 | 0.6 |
| 18.5 | 15.0 | 0.8 |
| 26.0 | 22.0 | 0.8 |
| 31.0 | 27.0 | 0.8 |
| 36.0 | 32.0 | 0.8 |
| 44.0 | 38.0 | 0.8 |



All dimensions
in mm

Dimensions and Ratings

| Cap. | | 250 VDC | | | |
|-------|-----------------------|---------|------|------|--|
| μF | Part # | T | H | L | |
| .001 | 1206DFR-3-.001-2.5-* | 4.0 | 8.0 | 10.5 | |
| .0012 | 1206DFR-3-.0012-2.5-* | 4.0 | 8.0 | 10.5 | |
| .0015 | 1206DFR-3-.0015-2.5-* | 4.0 | 8.0 | 10.5 | |
| .0022 | 1206DFR-3-.0022-2.5-* | 4.0 | 8.0 | 10.5 | |
| .0027 | 1206DFR-3-.0027-2.5-* | 4.0 | 8.0 | 10.5 | |
| .0039 | 1206DFR-3-.0039-2.5-* | 4.0 | 8.0 | 10.5 | |
| .0047 | 1206DFR-3-.0047-2.5-* | 4.0 | 8.5 | 10.5 | |
| .0056 | 1206DFR-3-.0056-2.5-* | 4.5 | 9.0 | 10.5 | |
| .0068 | 1206DFR-3-.0068-2.5-* | 4.5 | 9.5 | 10.5 | |
| .0082 | 1206DFR-3-.0082-2.5-* | 4.5 | 9.0 | 13.0 | |
| .01 | 1206DFR-3-.01-2.5-* | 5.0 | 10.0 | 13.0 | |
| .012 | 1206DFR-3-.012-2.5-* | 5.5 | 11.0 | 13.0 | |
| .015 | 1206DFR-3-.015-2.5-* | 6.0 | 12.0 | 13.0 | |
| .018 | 1206DFR-3-.018-2.5-* | 6.5 | 12.0 | 13.0 | |
| .022 | 1206DFR-3-.022-2.5-* | 6.5 | 12.5 | 13.0 | |
| .027 | 1206DFR-3-.027-2.5-* | 5.5 | 11.0 | 18.5 | |
| .033 | 1206DFR-3-.033-2.5-* | 6.0 | 12.0 | 18.5 | |
| .039 | 1206DFR-3-.039-2.5-* | 6.5 | 12.5 | 18.5 | |
| .047 | 1206DFR-3-.047-2.5-* | 7.0 | 13.0 | 18.5 | |
| .056 | 1206DFR-3-.056-2.5-* | 7.5 | 13.5 | 18.5 | |
| .068 | 1206DFR-3-.068-2.5-* | 8.0 | 14.0 | 18.5 | |
| .082 | 1206DFR-3-.082-2.5-* | 8.5 | 15.0 | 18.5 | |
| .1 | 1206DFR-3-.1-2.5-* | 8.0 | 14.0 | 26.0 | |
| .12 | 1206DFR-3-.12-2.5-* | 8.5 | 15.0 | 26.0 | |
| .15 | 1206DFR-3-.15-2.5-* | 9.0 | 16.5 | 26.0 | |
| .18 | 1206DFR-3-.18-2.5-* | 9.5 | 18.0 | 31.0 | |
| .22 | 1206DFR-3-.22-2.5-* | 9.5 | 18.0 | 31.0 | |
| .27 | 1206DFR-3-.27-2.5-* | 10.0 | 19.0 | 31.0 | |
| .33 | 1206DFR-3-.33-2.5-* | 11.5 | 21.0 | 31.0 | |
| .39 | 1206DFR-3-.39-2.5-* | 10.5 | 22.0 | 31.0 | |
| .47 | 1206DFR-3-.47-2.5-* | 13.5 | 24.0 | 31.0 | |
| .56 | 1206DFR-3-.56-2.5-* | 13.5 | 24.0 | 36.0 | |
| .68 | 1206DFR-3-.68-2.5-* | 15.5 | 28.0 | 36.0 | |
| .82 | 1206DFR-3-.82-2.5-* | 14.0 | 25.0 | 44.0 | |
| 1.0 | 1206DFR-3-1.0-2.5-* | 16.0 | 28.0 | 44.0 | |

| Cap. | | 400 VDC | | | |
|-------|---------------------|---------|------|------|--|
| μF | Part # | T | H | L | |
| .001 | 1206DFR-3-.001-4-* | 4.0 | 8.0 | 10.5 | |
| .0012 | 1206DFR-3-.0012-4-* | 4.0 | 8.0 | 10.5 | |
| .0015 | 1206DFR-3-.0015-4-* | 4.0 | 8.0 | 10.5 | |
| .0022 | 1206DFR-3-.0022-4-* | 4.0 | 8.5 | 10.5 | |
| .0027 | 1206DFR-3-.0027-4-* | 4.0 | 9.0 | 10.5 | |
| .0039 | 1206DFR-3-.0039-4-* | 4.5 | 9.0 | 13.0 | |
| .0047 | 1206DFR-3-.0047-4-* | 5.0 | 9.5 | 13.0 | |
| .0056 | 1206DFR-3-.0056-4-* | 5.0 | 10.0 | 13.0 | |
| .0068 | 1206DFR-3-.0068-4-* | 5.5 | 11.0 | 13.0 | |
| .0082 | 1206DFR-3-.0082-4-* | 6.0 | 12.0 | 13.0 | |
| .01 | 1206DFR-3-.01-4-* | 6.5 | 12.5 | 13.0 | |
| .012 | 1206DFR-3-.012-4-* | 5.0 | 10.0 | 18.5 | |
| .015 | 1206DFR-3-.015-4-* | 5.5 | 11.0 | 18.5 | |
| .018 | 1206DFR-3-.018-4-* | 6.0 | 12.0 | 18.5 | |
| .022 | 1206DFR-3-.022-4-* | 6.5 | 12.5 | 18.5 | |
| .027 | 1206DFR-3-.027-4-* | 7.5 | 14.0 | 18.5 | |
| .033 | 1206DFR-3-.033-4-* | 8.5 | 15.0 | 18.5 | |
| .039 | 1206DFR-3-.039-4-* | 7.0 | 13.0 | 26.0 | |
| .047 | 1206DFR-3-.047-4-* | 7.5 | 14.0 | 26.0 | |
| .056 | 1206DFR-3-.056-4-* | 8.0 | 15.0 | 26.0 | |
| .068 | 1206DFR-3-.068-4-* | 8.5 | 16.0 | 26.0 | |
| .082 | 1206DFR-3-.082-4-* | 9.5 | 18.0 | 31.0 | |
| .1 | 1206DFR-3-.1-4-* | 9.5 | 17.0 | 31.0 | |
| .12 | 1206DFR-3-.12-4-* | 10.0 | 19.0 | 31.0 | |
| .15 | 1206DFR-3-.15-4-* | 10.5 | 20.0 | 31.0 | |
| .18 | 1206DFR-3-.18-4-* | 11.5 | 21.0 | 31.0 | |
| .22 | 1206DFR-3-.22-4-* | 13.0 | 23.0 | 31.0 | |
| .27 | 1206DFR-3-.27-4-* | 13.0 | 23.0 | 36.0 | |
| .33 | 1206DFR-3-.33-4-* | 14.0 | 25.0 | 36.0 | |
| .39 | 1206DFR-3-.39-4-* | 13.5 | 24.0 | 44.0 | |
| .47 | 1206DFR-3-.47-4-* | 15.0 | 27.0 | 44.0 | |

| Cap. | | 630 VDC | | | |
|-------|-----------------------|---------|------|------|--|
| μF | Part # | T | H | L | |
| .001 | 1206DFR-3-.001-6.3-* | 4.5 | 8.5 | 10.5 | |
| .0012 | 1206DFR-3-.0012-6.3-* | 4.5 | 8.5 | 10.5 | |
| .0015 | 1206DFR-3-.0015-6.3-* | 4.5 | 9.0 | 10.5 | |
| .0022 | 1206DFR-3-.0022-6.3-* | 5.0 | 9.5 | 13.0 | |
| .0027 | 1206DFR-3-.0027-6.3-* | 5.0 | 10.0 | 13.0 | |
| .0039 | 1206DFR-3-.0039-6.3-* | 6.0 | 12.0 | 13.0 | |
| .0047 | 1206DFR-3-.0047-6.3-* | 6.5 | 12.5 | 13.0 | |
| .0056 | 1206DFR-3-.0056-6.3-* | 5.0 | 9.5 | 18.5 | |
| .0068 | 1206DFR-3-.0068-6.3-* | 5.0 | 10.0 | 18.5 | |
| .0082 | 1206DFR-3-.0082-6.3-* | 5.5 | 11.0 | 18.5 | |
| .01 | 1206DFR-3-.01-6.3-* | 6.0 | 12.0 | 18.5 | |
| .012 | 1206DFR-3-.012-6.3-* | 6.5 | 12.5 | 18.5 | |
| .015 | 1206DFR-3-.015-6.3-* | 7.0 | 13.0 | 18.5 | |
| .018 | 1206DFR-3-.018-6.3-* | 7.5 | 13.5 | 18.5 | |
| .022 | 1206DFR-3-.022-6.3-* | 8.0 | 14.0 | 18.5 | |
| .027 | 1206DFR-3-.027-6.3-* | 7.5 | 14.0 | 26.0 | |
| .033 | 1206DFR-3-.033-6.3-* | 8.0 | 15.0 | 26.0 | |
| .039 | 1206DFR-3-.039-6.3-* | 8.5 | 16.0 | 26.0 | |
| .047 | 1206DFR-3-.047-6.3-* | 9.5 | 17.0 | 26.0 | |
| .056 | 1206DFR-3-.056-6.3-* | 10.0 | 19.0 | 26.0 | |
| .068 | 1206DFR-3-.068-6.3-* | 10.0 | 19.0 | 31.0 | |
| .082 | 1206DFR-3-.082-6.3-* | 9.5 | 18.0 | 31.0 | |
| .1 | 1206DFR-3-.1-6.3-* | 10.5 | 20.0 | 31.0 | |
| .12 | 1206DFR-3-.12-6.3-* | 12.0 | 22.0 | 31.0 | |
| .15 | 1206DFR-3-.15-6.3-* | 13.0 | 24.0 | 31.0 | |
| .18 | 1206DFR-3-.18-6.3-* | 13.0 | 24.0 | 36.0 | |
| .22 | 1206DFR-3-.22-6.3-* | 14.5 | 26.0 | 36.0 | |
| .27 | 1206DFR-3-.27-6.3-* | 14.0 | 25.5 | 44.0 | |
| .33 | 1206DFR-3-.33-6.3-* | 16.0 | 28.0 | 44.0 | |
| .39 | 1206DFR-3-.39-6.3-* | 17.0 | 32.0 | 44.0 | |
| .47 | 1206DFR-3-.47-6.3-* | 18.0 | 34.0 | 44.0 | |

* - Please insert appropriate tolerance code



Please consult factory for special requirements, including non-standard values and sizes

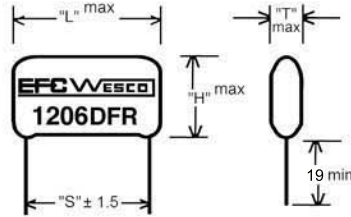
1206DFR

Epoxy Dipped (Radial Leads)

Polypropylene and Foil Capacitors

Lead Specs -
Tinned Copperweld

| L | S | DIA |
|------|------|-----|
| 10.5 | 7.5 | 0.6 |
| 13.0 | 10.0 | 0.6 |
| 18.5 | 15.0 | 0.8 |
| 26.0 | 22.0 | 0.8 |
| 31.0 | 27.0 | 0.8 |
| 36.0 | 32.0 | 0.8 |
| 44.0 | 38.0 | 0.8 |



All dimensions
in mm

Dimensions and Ratings

| Cap. | 1000 VDC | | | |
|-------|----------------------|------|------|------|
| µF | Part # | T | H | L |
| .001 | 1206DFR-3-.001-10-* | 5.0 | 10.0 | 13.0 |
| .0012 | 1206DFR-3-.0012-10-* | 5.0 | 10.0 | 13.0 |
| .0015 | 1206DFR-3-.0015-10-* | 5.5 | 11.0 | 13.0 |
| .0022 | 1206DFR-3-.0022-10-* | 6.0 | 12.0 | 13.0 |
| .0027 | 1206DFR-3-.0027-10-* | 5.0 | 9.5 | 18.5 |
| .0039 | 1206DFR-3-.0039-10-* | 5.5 | 11.0 | 18.5 |
| .0047 | 1206DFR-3-.0047-10-* | 6.0 | 12.0 | 18.5 |
| .0056 | 1206DFR-3-.0056-10-* | 6.5 | 12.5 | 18.5 |
| .0068 | 1206DFR-3-.0068-10-* | 7.0 | 13.0 | 18.5 |
| .0082 | 1206DFR-3-.0082-10-* | 7.5 | 14.0 | 18.5 |
| .01 | 1206DFR-3-.01-10-* | 9.5 | 17.0 | 18.5 |
| .012 | 1206DFR-3-.012-10-* | 7.5 | 14.0 | 26.0 |
| .015 | 1206DFR-3-.015-10-* | 8.5 | 15.0 | 26.0 |
| .018 | 1206DFR-3-.018-10-* | 8.5 | 16.0 | 26.0 |
| .022 | 1206DFR-3-.022-10-* | 9.0 | 17.0 | 26.0 |
| .027 | 1206DFR-3-.027-10-* | 9.5 | 18.0 | 26.0 |
| .033 | 1206DFR-3-.033-10-* | 9.5 | 18.0 | 31.0 |
| .039 | 1206DFR-3-.039-10-* | 10.0 | 19.0 | 31.0 |
| .047 | 1206DFR-3-.047-10-* | 11.0 | 20.0 | 31.0 |
| .056 | 1206DFR-3-.056-10-* | 12.0 | 22.0 | 31.0 |
| .068 | 1206DFR-3-.068-10-* | 13.0 | 24.0 | 31.0 |
| .082 | 1206DFR-3-.082-10-* | 12.0 | 22.0 | 36.0 |
| .1 | 1206DFR-3-.1-10-* | 13.0 | 24.0 | 36.0 |
| .12 | 1206DFR-3-.12-10-* | 13.5 | 25.0 | 44.0 |
| .15 | 1206DFR-3-.15-10-* | 15.0 | 27.0 | 44.0 |
| .18 | 1206DFR-3-.18-10-* | 16.5 | 30.0 | 44.0 |
| .22 | 1206DFR-3-.22-10-* | 18.0 | 34.0 | 44.0 |

* - Please insert appropriate tolerance code