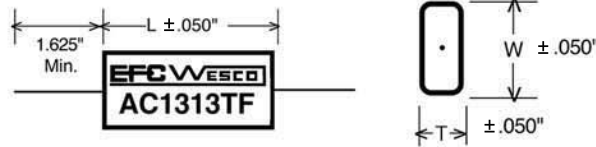




AC1313TF Oval Wrap & Fill

Metallized Polyester Capacitors

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



Dimensions and Ratings

Cap.	150 VAC / 60 HZ			
μF	Part #	T	W	L
.047	AC1313TF-3-.047-1.5AC-*	.125	.250	.625
.056	AC1313TF-3-.056-1.5AC-*	.125	.250	.625
.068	AC1313TF-3-.068-1.5AC-*	.125	.250	.625
.082	AC1313TF-3-.082-1.5AC-*	.125	.250	.625
.1	AC1313TF-3-.1-1.5AC-*	.125	.250	.625
.12	AC1313TF-3-.12-1.5AC-*	.140	.312	.625
.15	AC1313TF-3-.15-1.5AC-*	.156	.343	.625
.18	AC1313TF-3-.18-1.5AC-*	.171	.343	.625
.22	AC1313TF-3-.22-1.5AC-*	.171	.343	.625
.27	AC1313TF-3-.27-1.5AC-*	.140	.265	1.000
.33	AC1313TF-3-.33-1.5AC-*	.156	.343	1.000
.39	AC1313TF-3-.39-1.5AC-*	.140	.312	1.000
.47	AC1313TF-3-.47-1.5AC-*	.156	.343	1.000
.56	AC1313TF-3-.56-1.5AC-*	.171	.375	1.000
.68	AC1313TF-3-.68-1.5AC-*	.171	.375	1.000
.82	AC1313TF-3-.82-1.5AC-*	.187	.484	1.000
1.0	AC1313TF-3-1.0-1.5AC-*	.187	.484	1.000
1.5	AC1313TF-3-1.5-1.5AC-*	.234	.578	1.000
2.0	AC1313TF-3-2.0-1.5AC-*	.281	.578	1.000
2.5	AC1313TF-3-2.5-1.5AC-*	.296	.640	1.500
3.0	AC1313TF-3-3.0-1.5AC-*	.328	.718	1.500
4.0	AC1313TF-3-4.0-1.5AC-*	.312	.703	2.000
5.0	AC1313TF-3-5.0-1.5AC-*	.359	.750	2.000
6.0	AC1313TF-3-6.0-1.5AC-*	.343	.734	2.500
7.0	AC1313TF-3-7.0-1.5AC-*	.375	.785	2.500
8.0	AC1313TF-3-8.0-1.5AC-*	.375	.859	2.500
10.0	AC1313TF-3-10.0-1.5AC-*	.421	.908	2.500
12.0	AC1313TF-3-12.0-1.5AC-*	.468	1.062	2.500

Cap.	250 VAC / 60 HZ			
μF	Part #	T	W	L
.047	AC1313TF-3-.047-2.5AC-*	.140	.265	.625
.056	AC1313TF-3-.056-2.5AC-*	.140	.312	.625
.068	AC1313TF-3-.068-2.5AC-*	.140	.312	.625
.082	AC1313TF-3-.082-2.5AC-*	.171	.375	.625
.1	AC1313TF-3-.1-2.5AC-*	.171	.375	.625
.12	AC1313TF-3-.12-2.5AC-*	.140	.312	1.000
.15	AC1313TF-3-.15-2.5AC-*	.140	.312	1.000
.18	AC1313TF-3-.18-2.5AC-*	.171	.343	1.000
.22	AC1313TF-3-.22-2.5AC-*	.171	.343	1.000
.27	AC1313TF-3-.27-2.5AC-*	.203	.406	1.000
.33	AC1313TF-3-.33-2.5AC-*	.203	.406	1.000
.39	AC1313TF-3-.39-2.5AC-*	.218	.515	1.000
.47	AC1313TF-3-.47-2.5AC-*	.218	.515	1.000
.56	AC1313TF-3-.56-2.5AC-*	.265	.562	1.000
.68	AC1313TF-3-.68-2.5AC-*	.265	.562	1.000
.82	AC1313TF-3-.82-2.5AC-*	.234	.531	1.500
1.0	AC1313TF-3-1.0-2.5AC-*	.234	.531	1.500
1.5	AC1313TF-3-1.5-2.5AC-*	.296	.593	1.500
2.0	AC1313TF-3-2.0-2.5AC-*	.328	.718	1.500
2.5	AC1313TF-3-2.5-2.5AC-*	.437	.921	2.000
3.0	AC1313TF-3-3.0-2.5AC-*	.421	.906	2.500
4.0	AC1313TF-3-4.0-2.5AC-*	.468	1.062	2.500
5.0	AC1313TF-3-5.0-2.5AC-*	.546	1.140	2.500
6.0	AC1313TF-3-6.0-2.5AC-*	.578	1.265	2.500
7.0	AC1313TF-3-7.0-2.5AC-*	.640	1.328	2.500
8.0	AC1313TF-3-8.0-2.5AC-*	.640	1.421	2.500
10.0	AC1313TF-3-10.0-2.5AC-*	.765	1.546	2.500

- Notes:**
- 1) EFC Series AC1313TF capacitors are designed for general purpose 60 HZ applications.
 - 2) Quality AC applications are assured through the use of specially metallized dielectrics and end terminations.
 - 3) For 85°C operation, a 75% derating is recommended.
 - 4) Not recommended for "across the line" applications.

* - Please insert appropriate tolerance code

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