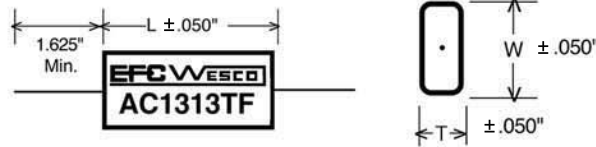




AC1313TF Oval Wrap & Fill

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