## SERIES 1613

EFC Series 1613 are metallized polycarbonate capacitors. This series offers the advantage of miniature size, superior stability, self healing, high insulation resistance, low dissipation factor and high frequency operation. Suggested applications include: timing circuits, filters, high current applications. Packaging options include: wrap and fill (TF, TC), radial lead box (EFR), axial lead (EC, EF).

## SPECIFICATIONS

## 1. TEMPERATURE RANGE

$-55^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ at rated voltage.

## 2. CAPACITANCE

Capacitors $\leq 1.0$ MFD shall be measured at $1 \mathrm{KHz} \pm 20 \mathrm{HZ}$. Capacitors >1.0 MFD shall be measured at 120 HZ . Measurements shall be taken at $25^{\circ} \mathrm{C}$.

## 3. DIELECTRIC STRENGTH

At $25^{\circ} \mathrm{C}, 150 \%$ of rated voltage when applied terminal to terminal for one minute through a current limiting resistance.
4. INSULATIONRESISTANCE

At $25^{\circ} \mathrm{C}$ after 2 minutes charge time at rated voltage or 500 VDC , whichever is less, the minimum IR shall be 50,000 Megohm-Microfarad, but need not exceed 100,000 Megohms for voltages greater than 75 VDC, and 15,000 Megohm-Microfarads, but need not exceed 50,000 Megohms for 75 VDC or less.
5. HUMIDITY RESISTANCE

Series 1613 shall meet the requirements of MIL-STD. 202C, Method 103B.
6. DISSIPATION FACTOR

Shall be $0.3 \%$ max. when measured as in Par. 2.

## 7. LIFETEST

Will withstand the application of $140 \%$ rated voltage at $+125^{\circ} \mathrm{C}$ for 250 hours with not more than one failure in 12 permitted.

TYPICAL TEMPERATURE CURVES
METALLIZED POLYCARBONATE





## TEMPERATURE COEFFICIENTS:

Different T.C.'s are available in both Polypropylene and Polystyrene dielectrics. T.C.'s and the appropriate prefixes are as follows:

$$
\begin{aligned}
& \text { A1206 }=-150 \mathrm{PPM} /{ }^{\circ} \mathrm{C} \pm 30 \mathrm{PPM} \\
& \text { I1206 }=-270 \mathrm{PPM} /{ }^{\circ} \mathrm{C} \pm 30 \mathrm{PPM} \\
& \underline{0} 1906=\text { ZERO PPM } /{ }^{\circ} \mathrm{C} \pm 50 \mathrm{PPM} \\
& \text { A1906 }=-80 \mathrm{PPM} /{ }^{\circ} \mathrm{C}+30 \mathrm{PPM} \\
& \mathrm{I} 1906=-120 \mathrm{PPM} /{ }^{\circ} \mathrm{C} \pm 30 \mathrm{PPM}
\end{aligned}
$$

## HIGH VOLTAGE:

EFC high voltage metallized polyester capacitors are designed for use in high voltage power supplies, rectifiers and other similar circuits. Voltage ratings to 15,000 DC are common-place at EFC.
Specify with the prefix HV.

## AC CURRENT:

Specify metallized polyester and termination procedures to enable EFC to supply a small sized AC rated capacitor for general purpose use at 60 HZ . Specify with the prefix AC.

## HIGH AMPERAGE AND PULSE CURRENTS:

Dual metallized carriers allow these capacitors to handle high amperage and pulsing currents.
Available in both polyester and polypropylene dielectrics. Specify with the prefix MF.
Contact the factory for an MF spec. sheet.

## SWITCH MODE POWER SUPPLY:

Polypropylene and polyester capacitors designed for SMPS have low ESR and high current rating should be specified with the SP prefix.


DIMENSIONS and RATINGS

| Cap. | 1613TC-1 <br> 50 VDC |  | $\begin{gathered} \text { 1613TC-2 } \\ 75 \text { VDC } \end{gathered}$ |  | $\begin{aligned} & \text { 1613TC-2 } \\ & 100 \text { VDC } \end{aligned}$ |  | $\begin{aligned} & 1613 \text { TC-3 } \\ & 150 \text { VDC } \end{aligned}$ |  | $\begin{aligned} & 1613 T C-3 \\ & 200 \text { VDC } \end{aligned}$ |  | $\begin{aligned} & 1613 T C-3 \\ & 400 \text { VDC } \end{aligned}$ |  | $\begin{aligned} & 1613 T C-3 \\ & 600 \text { VDC } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mu \mathrm{F}$ | D | L | D | L | D | L | D | L | D | L | D | L | D | L |
| . 001 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0012 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0015 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0022 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0027 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0039 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0047 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 |
| . 0056 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 190 | . 531 |
| . 0068 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 200 | . 406 | . 210 | . 531 |
| . 0082 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 220 | . 406 | . 230 | . 531 |
| . 01 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 240 | . 406 | . 250 | . 531 |
| . 012 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 531 | . 270 | . 531 |
| . 015 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 200 | . 531 | . 300 | . 531 |
| . 018 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 200 | . 406 | . 210 | . 531 | . 270 | . 656 |
| . 022 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 190 | . 406 | . 220 | . 406 | . 230 | . 531 | . 290 | . 656 |
| . 027 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 200 | . 406 | . 240 | . 406 | . 250 | . 531 | . 320 | . 656 |
| . 033 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 220 | . 406 | . 180 | . 531 | . 280 | . 531 | . 350 | . 656 |
| . 039 | . 180 | . 406 | . 180 | . 406 | . 180 | . 406 | . 240 | . 406 | . 190 | . 531 | . 250 | . 656 | . 340 | . 781 |
| . 047 | . 180 | . 406 | . 180 | . 406 | . 190 | . 406 | . 180 | . 531 | . 210 | . 531 | . 270 | . 656 | . 370 | . 781 |
| . 056 | . 180 | . 406 | . 180 | . 406 | . 210 | . 406 | . 190 | . 531 | . 230 | . 531 | . 300 | . 656 | . 400 | . 781 |
| . 068 | . 180 | . 406 | . 200 | . 406 | . 230 | . 406 | . 210 | . 531 | . 250 | . 531 | . 320 | . 656 | . 440 | . 781 |
| . 082 | . 180 | . 406 | . 220 | . 406 | . 200 | . 468 | . 230 | . 531 | . 270 | . 531 | . 350 | . 656 | . 430 | . 906 |
| . 1 | . 180 | . 406 | . 240 | . 406 | . 220 | . 468 | . 250 | . 531 | . 300 | . 531 | . 340 | . 781 | . 470 | . 906 |
| . 12 | . 190 | . 406 | . 260 | . 406 | . 240 | . 468 | . 270 | . 531 | . 330 | . 531 | . 370 | . 781 | . 510 | . 906 |
| . 15 | . 200 | . 406 | . 230 | . 468 | . 220 | . 531 | . 250 | . 656 | . 290 | . 656 | . 410 | . 781 | . 490 | 1.190 |
| . 18 | . 220 | . 406 | . 250 | . 468 | . 240 | . 531 | . 270 | . 656 | . 320 | . 656 | . 400 | . 906 | . 530 | 1.190 |
| . 22 | . 240 | . 406 | . 270 | . 468 | . 270 | . 531 | . 290 | . 656 | . 350 | . 656 | . 440 | . 906 | . 580 | 1.190 |
| . 27 | . 210 | . 468 | . 300 | . 468 | . 240 | . 656 | . 330 | . 656 | . 390 | . 656 | . 490 | . 906 | . 650 | 1.190 |
| . 33 | . 230 | . 468 | . 330 | . 468 | . 260 | . 656 | . 360 | . 656 | . 370 | . 781 | . 540 | . 906 | . 630 | 1.440 |
| . 39 | . 250 | . 468 | . 300 | . 531 | . 280 | . 656 | . 340 | . 781 | . 400 | . 781 | . 490 | 1.190 | . 680 | 1.440 |
| . 47 | . 230 | . 531 | . 330 | . 531 | . 310 | . 656 | . 370 | . 781 | . 390 | . 906 | . 540 | 1.190 | . 740 | 1.440 |
| . 56 | . 250 | . 531 | . 360 | . 531 | . 340 | . 656 | . 400 | . 781 | . 430 | . 906 | . 580 | 1.190 | . 770 | 1.570 |
| . 68 | . 280 | . 531 | . 390 | . 531 | . 342 | . 781 | . 390 | . 906 | . 470 | . 906 | . 640 | 1.190 | . 850 | 1.570 |
| . 82 | . 300 | . 531 | . 350 | . 656 | . 350 | . 781 | . 430 | . 906 | . 440 | 1.190 | . 620 | 1.440 | . 890 | 1.690 |
| 1.0 | . 330 | . 531 | . 380 | . 656 | . 390 | . 781 | . 410 | 1.190 | . 480 | 1.190 | . 680 | 1.440 | . 900 | 1.940 |
| 1.25 | . 300 | . 656 | . 430 | . 656 | . 430 | . 781 | . 450 | 1.190 | . 540 | 1.190 | . 760 | 1.440 | 1.000 | 1.940 |
| 1.5 | . 330 | . 656 | . 470 | . 656 | . 420 | . 906 | . 490 | 1.190 | . 590 | 1.190 | . 790 | 1.570 | 1.020 | 2.250 |
| 2.0 | . 380 | . 656 | . 460 | . 781 | . 480 | . 906 | . 570 | 1.190 | . 590 | 1.440 | . 870 | 1.690 | 1.180 | 2.250 |
| 3.0 | . 400 | . 781 | . 560 | . 781 | . 50 | 1.190 | . 610 | 1.440 | . 720 | 1.440 | . 970 | 1.940 |  |  |
| 4.0 | . 460 | . 781 | . 580 | . 906 | . 570 | 1.190 | . 700 | 1.406 | . 790 | 1.570 | 1.120 | 1.940 |  |  |
| 5.0 | . 450 | . 906 | . 650 | . 906 | . 560 | 1.440 | . 740 | 1.570 | . 840 | 1.690 | 1.160 | 2.250 |  |  |
| 6.0 | . 500 | . 906 | . 590 | 1.190 | . 610 | 1.440 | . 810 | 1.570 | . 880 | 1.820 |  |  |  |  |
| 8.0 | . 490 | 1.190 | . 680 | 1.190 | . 710 | 1.440 | . 850 | 1.690 | 1.020 | 1.820 |  |  |  |  |
| 10.0 | . 540 | 1.190 | . 680 | 1.440 | . 750 | 1.570 | . 950 | 1.820 | 1.090 | 1.940 |  |  |  |  |
| 12.0 | . 590 | 1.190 | . 740 | 1.440 | . 820 | 1.570 | 1.000 | 1.820 | 1.110 | 2.250 |  |  |  |  |
| 15.0 | . 580 | 1.440 |  |  | . 870 | 1.690 | 1.110 | 1.940 | 1.240 | 2.250 |  |  |  |  |
| 20.0 | . 670 | 1.440 |  |  | . 920 | 1.940 | 1.280 | 1.940 |  |  |  |  |  |  |

ELECTRONIC FILM CAPACITORS, INC.
Reidville Industrial Park * 41 Interstate Lane * WATERBURY, CONNECTICUT 06705 Phone (203) 755-5629

FAX (203) 755-0659

## Oval

 Wrap and FillLead Specs.<br>Tinned Copperweld<br>Under $.190 \mathrm{~T}=24 \mathrm{AWG}$<br>$.190-.380 \mathrm{~T}=22$ AWG<br>Above $.380 \mathrm{~T}=20$ AWG

| Cap. | $\begin{gathered} \text { 1613TF-1 } \\ 50 \text { VDC } \end{gathered}$ |  |  | $\begin{gathered} \hline 1613 T F-2 \\ 75 \text { VDC } \end{gathered}$ |  |  | $\begin{aligned} & 1613 T F-2 \\ & 100 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & 1613 T F-3 \\ & 150 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & 1613 T F-3 \\ & 200 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & 1613 \text { TF-3 } \\ & 400 \text { VDC } \end{aligned}$ |  |  | 1613TF-3 600 VDC |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mu \mathrm{F}$ | T | W | L | T | W | L | T | W | L | T | W | L | T | W | L | T | W | L | T | W | L |
| . 001 | . 120 | . 210 | . 406 | 120 | . 210 | . 406 | 120 | 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0012 | 120 | . 210 | . 406 | 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0015 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0022 | 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0027 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0039 | 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0047 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 |
| . 0056 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 220 | . 406 | . 130 | . 230 | . 531 |
| . 0068 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 140 | . 230 | . 406 | . 150 | . 240 | . 531 |
| . 0082 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | 210 | . 406 | . 120 | . 210 | . 406 | . 160 | . 250 | . 406 | . 170 | . 260 | . 531 |
| . 01 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 180 | . 270 | . 406 | . 190 | . 280 | . 531 |
| . 012 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 531 | . 210 | . 310 | . 531 |
| . 015 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 140 | . 230 | . 531 | . 240 | . 340 | . 531 |
| . 018 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 140 | . 230 | . 406 | . 150 | . 250 | . 531 | . 210 | . 300 | . 656 |
| . 022 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 130 | . 220 | . 406 | . 160 | . 250 | . 406 | . 170 | . 270 | . 531 | . 230 | . 330 | . 656 |
| . 027 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | 120 | . 210 | . 406 | . 140 | . 240 | . 406 | . 180 | . 270 | . 406 | . 190 | . 290 | . 531 | . 260 | . 360 | . 656 |
| . 033 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 160 | . 260 | . 406 | . 120 | . 210 | . 531 | . 220 | . 310 | . 531 | . 290 | . 390 | . 656 |
| . 039 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 180 | . 270 | . 406 | . 130 | . 230 | . 531 | . 190 | . 280 | . 656 | . 260 | . 380 | . 781 |
| . 047 | . 120 | . 210 | . 406 | . 120 | . 210 | . 406 | . 130 | . 230 | . 406 | . 120 | . 210 | . 531 | . 150 | . 240 | . 531 | . 190 | . 320 | . 656 | . 290 | . 410 | . 781 |
| . 056 | . 120 | . 210 | . 406 | . 120 | . 220 | . 406 | . 150 | . 240 | . 406 | . 130 | . 230 | . 531 | . 170 | . 260 | . 531 | . 220 | . 340 | . 656 | . 320 | . 440 | . 781 |
| . 068 | . 120 | . 210 | . 406 | . 140 | . 230 | . 406 | . 170 | . 260 | . 406 | . 150 | . 240 | . 531 | . 190 | . 280 | . 531 | . 240 | . 370 | . 656 | . 360 | . 480 | . 781 |
| . 082 | . 120 | . 210 | . 406 | . 160 | . 250 | . 406 | . 140 | . 230 | . 468 | . 170 | . 260 | . 531 | . 210 | . 310 | . 531 | . 270 | . 400 | . 656 | . 350 | . 470 | . 906 |
| . 1 | . 120 | . 210 | . 406 | . 180 | . 270 | . 406 | . 160 | . 250 | . 468 | . 190 | . 290 | . 531 | . 240 | . 330 | . 531 | . 260 | . 380 | . 781 | . 390 | . 510 | . 906 |
| . 12 | . 130 | . 220 | . 406 | . 200 | . 290 | . 406 | . 180 | . 270 | . 468 | . 210 | . 310 | . 531 | . 270 | . 360 | . 531 | . 290 | . 410 | . 781 | . 430 | . 560 | . 906 |
| . 15 | . 140 | . 240 | . 406 | . 170 | . 260 | . 468 | . 160 | . 260 | . 531 | . 190 | . 280 | . 656 | . 230 | . 330 | . 656 | . 310 | . 470 | . 781 | . 380 | . 550 | 1.190 |
| . 18 | . 160 | . 260 | . 406 | . 190 | . 280 | . 468 | . 180 | . 280 | . 531 | . 210 | . 300 | . 656 | . 260 | . 350 | . 656 | . 300 | . 460 | . 906 | . 430 | . 590 | 1.190 |
| . 22 | . 180 | . 280 | . 406 | . 210 | . 300 | . 468 | . 210 | . 300 | . 531 | . 230 | . 330 | . 656 | . 290 | . 390 | . 656 | . 340 | . 500 | . 906 | . 480 | . 650 | 1.190 |
| . 27 | . 130 | . 250 | . 468 | . 240 | . 330 | . 468 | . 180 | . 270 | . 656 | . 270 | . 360 | . 656 | . 330 | . 420 | . 656 | . 380 | . 550 | . 906 | . 540 | . 710 | 1.190 |
| . 33 | . 170 | . 270 | . 468 | . 270 | . 360 | . 468 | . 200 | . 290 | . 656 | . 300 | . 390 | . 656 | . 290 | . 420 | . 781 | . 430 | . 600 | . 906 | . 520 | . 690 | 1.440 |
| . 39 | . 190 | . 290 | . 468 | . 240 | . 340 | . 531 | 220 | . 320 | . 656 | . 260 | . 380 | . 781 | . 320 | . 450 | . 781 | . 380 | . 550 | 1.190 | . 570 | . 740 | 1.440 |
| . 47 | . 170 | . 270 | . 531 | . 270 | . 360 | . 531 | . 250 | . 340 | . 656 | . 290 | . 420 | . 781 | . 310 | . 440 | . 906 | . 430 | . 600 | 1.190 | . 640 | . 810 | 1.440 |
| . 56 | . 190 | . 290 | . 531 | . 300 | . 390 | . 531 | . 280 | . 370 | . 656 | . 320 | . 450 | . 781 | . 350 | . 470 | . 906 | . 480 | . 640 | 1.190 | . 660 | . 830 | 1.570 |
| . 68 | . 220 | . 310 | . 531 | . 330 | . 430 | . 531 | . 240 | . 370 | . 781 | . 310 | . 440 | . 906 | . 390 | . 520 | . 906 | . 530 | . 700 | 1.190 | . 740 | . 910 | 1.570 |
| . 82 | . 240 | . 340 | . 531 | . 290 | . 380 | . 656 | . 270 | . 400 | . 781 | . 350 | . 480 | . 906 | . 330 | . 500 | 1.190 | . 500 | . 690 | 1.440 | . 760 | . 960 | 1.690 |
| 1.0 | . 270 | . 370 | . 531 | . 320 | . 420 | . 656 | . 310 | . 430 | . 781 | . 300 | . 470 | 1.190 | . 380 | . 540 | 1.190 | . 560 | . 760 | 1.440 | . 770 | . 970 | 1.940 |
| 1.25 | . 240 | . 330 | . 656 | . 370 | . 460 | . 656 | . 350 | . 470 | . 781 | . 350 | . 510 | 1.190 | . 430 | . 600 | 1.190 | . 640 | . 830 | 1.440 | . 880 | 1.070 | 1.940 |
| 1.5 | . 270 | . 360 | . 656 | . 410 | . 500 | . 656 | . 340 | . 460 | . 906 | . 390 | . 550 | 1.190 | . 480 | . 650 | 1.190 | . 660 | . 860 | 1.570 | . 900 | 1.090 | 2.250 |
| 2.0 | . 320 | . 410 | . 656 | . 380 | . 510 | . 781 | . 400 | . 530 | . 906 | . 460 | . 630 | 1.190 | . 490 | . 650 | 1.440 | . 740 | . 940 | 1.690 | 1.050 | 1250 | 2.250 |
| 3.0 | . 320 | . 440 | . 781 | . 480 | . 610 | . 781 | . 390 | . 560 | 1.190 | . 500 | . 670 | 1.440 | . 620 | . 780 | 1.440 | . 850 | 1.040 | 1.940 |  |  |  |
| 4.0 | . 380 | . 500 | . 781 | . 500 | . 620 | . 906 | . 470 | . 630 | 1.190 | . 590 | . 760 | 1.440 | . 680 | . 850 | 1.570 | . 890 | 1.190 | 1.940 |  |  |  |
| 5.0 | . 370 | . 500 | . 906 | . 570 | . 690 | . 906 | . 460 | . 620 | 1.440 | . 630 | . 800 | 1.570 | . 720 | . 910 | 1.690 | 1.040 | 1.230 | 2.250 |  |  |  |
| 6.0 | . 420 | . 540 | . 906 | . 510 | . 640 | 1.190 | . 510 | . 670 | 1.440 | . 700 | . 870 | 1.570 | . 760 | . 950 | 1.820 |  |  |  |  |  |  |
| 8.0 | . 380 | . 550 | 1.190 | . 600 | . 730 | 1.190 | . 600 | . 770 | 1.440 | . 720 | . 920 | 1.690 | . 890 | 1.090 | 1.920 |  |  |  |  |  |  |
| 10.0 | . 440 | . 600 | 1.190 | . 570 | . 740 | 1.440 | . 620 | . 820 | 1.570 | . 820 | 1.020 | 1.820 | . 960 | 1.160 | 1.940 |  |  |  |  |  |  |
| 12.0 | . 480 | . 650 | 1.190 | . 630 | . 800 | 1.440 | . 690 | . 840 | 1.570 | . 870 | 1.070 | 1.820 | . 980 | 1.180 | 2.250 |  |  |  |  |  |  |
| 15.0 | . 470 | . 640 | 1.440 |  |  |  | . 750 | . 890 | 1.690 | . 990 | 1.180 | 1.940 | 1.100 | 1.310 | 2.250 |  |  |  |  |  |  |
| 20.0 | . 560 | . 730 | 1.440 |  |  |  | . 800 | . 990 | 1.940 | 1.160 | 1.350 | 1.940 |  |  |  |  |  |  |  |  |  |

## ELECTRONIC FILM CAPACITORS, INC.

Reidville Industrial Park * 41 Interstate Lane * WATERBURY, CONNECTICUT 06705 Phone (203) 755-5629

FAX (203) 755-0659
1.625"
$\xrightarrow{*} \mathrm{~L}$ L +050 " $\qquad$

1613EC
Epoxy Case (Axial Leads)

Lead Specs.
Tinned Copperweld
Under $.250 \mathrm{D}=24 \mathrm{AWG}$ . $250-.440 \mathrm{D}=22$ AWG
Above $.440 \mathrm{D}=20$ AWG


DIMENSIONS and RATINGS

| Cap. | $\begin{gathered} \text { 1613EF-1 } \\ 50 \text { VDC } \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EF-2 } \\ 75 \text { VDC } \end{gathered}$ |  |  | $\begin{aligned} & \text { 1613EF-2 } \\ & 100 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & \text { 1613EF-3 } \\ & 150 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & 1613 E F-3 \\ & 200 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & \text { 1613EF-3 } \\ & 400 \text { VDC } \end{aligned}$ |  |  | $\begin{aligned} & \text { 1613EF-3 } \\ & 600 \text { VDC } \end{aligned}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mu \mathrm{F}$ | T | H | L | T | H | L | T | H | L | T | H | L | T | H | L | T | H | L | T | H | L |
| . 001 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 |
| . 0012 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 |
| . 0015 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 |
| . 0022 | 170 | . 290 | . 420 | . 170 | . 290 | 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 |
| . 0027 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 |
| . 0039 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 |
| . 0047 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 |
| . 0056 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 |
| . 0068 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 |
| . 0082 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 |
| . 01 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 |
| . 012 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 | . 290 | . 420 | . 550 |
| . 015 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 | . 290 | . 420 | . 550 |
| . 018 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 670 |
| . 022 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 |
| . 027 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 230 | . 360 | . 570 | . 290 | . 420 | . 570 | . 290 | . 420 | . 820 |
| . 033 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 570 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 820 |
| . 039 | . 170 | . 290 | . 420 | . 170 | . 290 | . 420 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 | 230 | . 360 | . 550 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 |
| . 047 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 |
| . 056 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 170 | . 290 | . 570 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 |
| . 068 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 820 | . 390 | . 540 | 1.040 |
| . 082 | . 170 | . 290 | . 420 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 570 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.240 |
| . 1 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.240 |
| . 12 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 560 | . 720 | 1.240 |
| . 15 | . 230 | . 360 | . 550 | . 230 | . 360 | . 550 | . 290 | . 360 | . 570 | . 290 | . 420 | . 670 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 560 | . 720 | 1.240 |
| . 18 | . 230 | . 360 | . 550 | . 230 | . 360 | . 570 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 290 | . 420 | . 820 | . 390 | . 540 | 1.040 | . 560 | . 720 | 1.240 |
| . 22 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 570 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 |
| . 27 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.240 |  |  |  |
| . 33 | . 230 | . 360 | . 550 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 390 | . 540 | . 820 | . 560 | . 720 | 1.240 |  |  |  |
| . 39 | . 230 | . 360 | . 550 | . 290 | . 420 | . 670 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.040 | . 560 | . 720 | 1.240 |  |  |  |
| . 47 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.040 | . 560 | . 720 | 1.240 |  |  |  |
| . 56 | . 290 | . 420 | . 570 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.040 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |
| . 68 | . 290 | . 420 | . 570 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.040 | . 390 | . 550 | 1.240 |  |  |  |  |  |  |
| . 82 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |
| 1.0 | . 290 | . 420 | . 670 | . 390 | . 540 | . 820 | . 390 | . 540 | . 820 | . 560 | . 720 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |
| 1.25 | . 290 | . 420 | . 820 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.040 | . 560 | . 720 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |
| 1.5 | . 290 | . 420 | . 820 | . 390 | . 540 | 1.040 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |
| 2.0 | . 390 | . 540 | . 820 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |  |  |  |
| 3.0 | . 390 | . 540 | 1.040 | . 560 | . 720 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0 | . 390 | . 540 | 1.240 | . 560 | . 720 | 1.240 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | ECT | O | C | L |  | A | TOP | , | . |  |  |  |  |  |  |
|  |  |  | Reidv | lle In | dustri | al Park | , | Int | state | ane | W | TER | , | CO | NE | C | 0 |  |  |  |  |
|  |  |  | Phon | ( | 3) | 55-5 |  |  |  |  |  |  |  | A | (20) | 7 |  |  |  |  |  |

## Epoxy Case (Radial Leads)

## Metallized Polycarbonate Capacitors


(All dimensions in inches)

DIMENSIONS and RATINGS

| Cap. | $\begin{gathered} \text { 1613EFR-1 } \\ 50 \text { VDC } \\ \hline \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EFR-2 } \\ 75 \text { VDC } \\ \hline \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EFR-2 } \\ 100 \text { VDC } \\ \hline \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EFR-3 } \\ 150 \text { VDC } \\ \hline \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EFR-3 } \\ 200 \text { VDC } \\ \hline \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EFR-3 } \\ 400 \text { VDC } \\ \hline \end{gathered}$ |  |  | $\begin{gathered} \text { 1613EFR-3 } \\ 600 \text { VDC } \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mu \mathrm{F}$ | T | L | H | T | L | H | T | L | H | T | L | H | T | L | H | T | L | H | T | L | H |
| . 001 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | 420 | . 330 | . 160 | 420 | . 330 | . 160 | 420 | . 330 | . 180 | . 550 | . 330 |
| . 0012 | . 160 | . 420 | . 330 | 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | 420 | . 330 | . 160 | . 420 | . 330 | . 160 | 420 | . 330 | . 180 | . 550 | . 330 |
| . 0015 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | 420 | . 330 | 160 | 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 |
| . 0022 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | 160 | 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 |
| . 0027 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | 160 | 420 | . 330 | . 160 | 420 | . 330 | . 180 | . 550 | . 330 |
| . 0039 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 | . 180 | . 550 | . 330 |
| . 0047 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | 420 | . 330 | . 160 | . 420 | . 330 | . 160 | 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 |
| . 0056 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | 160 | 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 |
| . 0068 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | 160 | 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 |
| . 0082 | . 160 | . 420 | . 330 | 160 | . 420 | . 330 | . 160 | . 420 | 330 | . 160 | . 420 | . 330 | 160 | . 420 | . 330 | . 180 | . 550 | . 330 | 240 | . 550 | . 370 |
| . 01 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 420 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 370 |
| . 012 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 420 | . 330 | 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 370 |
| . 015 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 370 |
| . 018 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 670 | . 370 |
| . 022 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 420 | 330 | . 180 | . 550 | . 330 | . 180 | 550 | . 330 | . 300 | 550 | 430 | . 300 | 670 | . 370 |
| . 027 | . 160 | . 420 | . 330 | . 160 | . 420 | . 330 | . 180 | . 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | 430 | . 300 | 820 | . 370 |
| . 033 | . 160 | . 420 | . 330 | . 180 | . 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 240 | . 550 | . 370 | . 300 | . 550 | 430 | . 300 | 820 | . 370 |
| . 039 | . 160 | . 420 | . 330 | . 180 | . 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 240 | . 550 | . 370 | . 300 | . 670 | 430 | . 400 | . 820 | . 550 |
| . 047 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 240 | . 550 | . 370 | . 300 | . 670 | 430 | . 400 | . 820 | . 550 |
| . 056 | . 160 | . 420 | . 330 | . 180 | . 550 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 240 | 550 | . 370 | . 300 | 820 | 430 | 400 | 820 | . 550 |
| . 068 | . 180 | . 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | 820 | 430 | . 400 | 1.040 | . 550 |
| . 082 | . 180 | . 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 550 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.240 | . 550 |
| . 1 | . 180 | . 420 | . 330 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.240 | . 550 |
| . 12 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 570 | 1.240 | . 730 |
| . 15 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 570 | 1.240 | . 730 |
| . 18 | . 180 | . 550 | . 330 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 300 | . 820 | . 430 | . 400 | 1.040 | . 550 | . 570 | 1.240 | . 730 |
| . 22 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 550 | . 430 | . 300 | . 820 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 |
| . 27 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 300 | . 820 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.240 | . 550 | . 700 | 1.240 | . 940 |
| . 33 | . 240 | . 550 | . 370 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 400 | . 820 | . 550 | . 570 | 1.240 | . 730 | . 700 | 1.240 | . 940 |
| . 39 | . 240 | . 550 | . 370 | . 300 | . 670 | . 430 | . 300 | . 820 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.040 | . 550 | . 570 | 1.240 | . 730 | . 700 | 1.240 | . 940 |
| . 47 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 300 | . 820 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.040 | . 550 | . 570 | 1.240 | . 730 | . 700 | 1.750 | 1.125 |
| . 56 | . 300 | . 550 | . 430 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.040 | . 550 | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 | . 700 | 1.750 | 1.125 |
| . 68 | . 300 | . 550 | . 430 | . 300 | . 820 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.040 | . 550 | . 400 | 1.240 | . 550 | . 700 | 1.240 | . 940 | . 800 | 1.750 | 1.125 |
| . 82 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 400 | . 820 | . 550 | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 | . 700 | 1.240 | . 940 | . 800 | 1.750 | 1.125 |
| 1.0 | . 300 | . 670 | . 430 | . 400 | . 820 | . 550 | . 400 | . 820 | . 550 | . 570 | 1.240 | 730 | . 570 | 1.240 | 730 | . 700 | 1.750 | 1.125 |  |  |  |
| 1.25 | . 300 | . 820 | . 430 | . 400 | . 820 | . 550 | . 400 | 1.040 | . 550 | . 570 | 1.240 | . 730 | . 570 | 1.240 | . 730 | . 700 | 1.750 | 1.125 |  |  |  |
| 1.5 | . 300 | . 820 | . 430 | . 400 | 1.040 | . 550 | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 | . 570 | 1.240 | . 730 | . 700 | 1.750 | 1.125 |  |  |  |
| 2.0 | . 400 | . 820 | . 550 | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 | . 570 | 1.240 | . 730 | . 700 | 1.240 | . 940 | . 800 | 1.750 | 1.125 |  |  |  |
| 3.0 | . 400 | 1.040 | . 550 | . 570 | 1.240 | . 730 | . 570 | 1.240 | . 730 | . 570 | 1.750 | . 730 | . 700 | 1.750 | 1.125 |  |  |  |  |  |  |
| 4.0 | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 | . 570 | 1.240 | . 730 | . 700 | 1.750 | 1.125 | . 700 | 1.750 | 1.125 |  |  |  |  |  |  |
| $\begin{aligned} & 5.0 \\ & 6.0 \end{aligned}$ | . 400 | 1.240 | . 550 | . 570 | 1.240 | . 730 |  |  |  | $\begin{aligned} & \hline .700 \\ & .800 \\ & \hline \end{aligned}$ | $\begin{aligned} & 1.750 \\ & 1.750 \end{aligned}$ | $\begin{aligned} & 1.125 \\ & 1.125 \end{aligned}$ | . 800 | 1.750 | 1.125 |  |  |  |  |  |  |

## ELECTRONIC FILM CAPACITORS, INC.

Reidville Industrial Park * 41 Interstate Lane * WATERBURY, CONNECTICUT 06705
Phone (203) 755-5629
FAX (203) 755-0659

# Metallized <br> Polycarbonate Capacitors 


(All dimensions in inches)

## Epoxy Case

 (Radial Leads)Lead Specs.
Tinned Copperweld
B through E cases: 22 AWG
F through R cases: 20 AWG

## DIMENSIONS and RATINGS



ELECTRONIC FILM CAPACITORS, INC.
Reidville Industrial Park * 41 Interstate Lane * WATERBURY, CONNECTICUT 06705
Phone (203) 755-5629
FAX (203) 755-0659

(All dimensions in millimeters)


DIMENSIONS and RATINGS


EFC will manufacture to any non-standard value and size. Please consult factory for special requirements.

ELECTRONIC FILM CAPACITORS, INC.
Reidville Industrial Park * 41 Interstate Lane * WATERBURY, CONNECTICUT 06705
Phone (203) 755-5629 * E-Mail: efc@filmcapacitors.com * FAX (203) 755-0659

