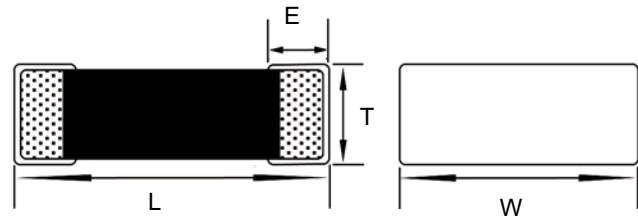


FEATURES

- Stacked, unencapsulated, metallized polyethylene naphthalate (PEN) film construction, non-inductive.
- Small sizes in EIA 2824 & 2840.
- Wide temperature range (-55°C ~ +125°C).
- IR or vapor phase reflow soldering compatible.
- Tape/reel package available
- High heat and moisture resistance.
- Stable temperature, frequency and bias characteristics.
- Excellent thermal shock resistance.
- Will withstand high line surges.
- Meet telecom lightning strike protection standards.



PART NUMBERING

| Part Number Example: 932AD-630/103JTR2824FG | | | | | | | | | |
|---|---|------------------|---|------------------------|----------------|----------------|-----------|----------------|----------------|
| 932AD | - | 630 | / | 103 | J | TR | 2824 | F | G |
| Type | | Rated DC Voltage | | Capacitance Code (pF)* | Tolerance Code | Package Code** | Case Size | RoHS Compliant | Lead (pb) Free |

* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).
 ** Package Code: TR = Tape & Reel.

SPECIFICATIONS

| Performance Characteristics | |
|---|---|
| Operating Temperature Range | -55°C ~ +125°C with voltage derating of 1.25%/°C between 105°C & 125°C. |
| Rated Voltage | 630 VDC |
| Test Voltage | 1500 VDC (10~700µS) |
| Capacitance Range (20°C, 1KHz) | 0.0068µF ~ 0.033µF. |
| Capacitance Tolerance | ±5% & ±10%. |
| Maximum Dissipation Factor % (20°C, 1KHz) | <1.0. |
| Minimum Insulation Resistance (20°C) (after 1 minute minimum) | >1000MΩ measured |

| CAPACITANCE µF | TECATE INDUSTRIES PART # | 630VDC RATED | | | | | | |
|-------------------|--------------------------------|-------------------------------|-------------|-------------|-------------|-------------------|------|------|
| | | CHIP DIMENSIONS mm(INCHES) | | | | UNITS PER PACKAGE | | |
| | | L | W | T | E | BULK | REEL | |
| 0.0068 | 932AD-630/682_TR2824FG | 7.20(0.283) | 6.10(0.240) | 2.50(0.099) | 0.80(0.032) | 1000 | 1600 | |
| 0.0082 | 932AD-630/822_TR2824FG | | | 2.70(0.106) | | | | |
| 0.010 | 932AD-630/103_TR2824FG | | | 2.70(0.106) | | | | |
| 0.012 | 932AD-630/123_TR2824FG | | | 2.70(0.106) | | | | |
| 0.015 | 932AD-630/153_TR2824FG | | | 3.50(0.138) | | | | |
| 0.018 | 932AD-630/183_TR2824FG | | 4.00(0.158) | | | | | |
| 0.022 | 932AD-630/223_TR2840FG | | 10.0(0.394) | 3.00(0.118) | | | | 1100 |
| 0.027 | 932AD-630/273_TR2840FG | | | 3.70(0.146) | | | | |
| 0.033 | 932AD-630/333_TR2840FG | | | 4.00(0.158) | | | | |