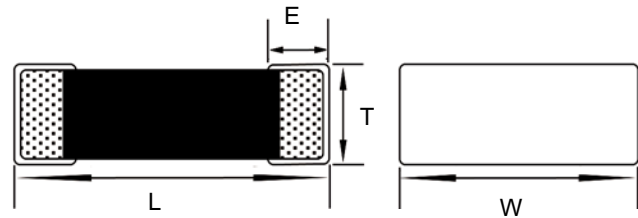


## FEATURES

- 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)						