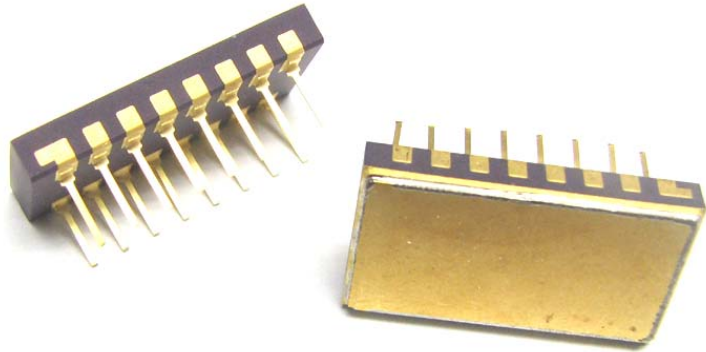


TVS Array Data Line Transient Suppressor DLZ Series

Features:

- Unidirectional or Bidirectional
- 1300W Peak Pulse Power (8/20 μ s)
- Multiple TVS Array
- Dual In-Line, 16 Pin Package
- ESD Protection > 40KV
- Voltage Range 5 V to 30 V
- Low Capacitance
- Common Bus Configuration



Compliant Documents and Standards:
MIL-STD-461

Description:

Sensitron, a price performance leader in power management, offers a series of Transient Voltage Suppressor (TVS) devices that are packaged in a ceramic, dual in-line, 16 pin hermetically sealed package.

TVS
DIODE
ARRAY

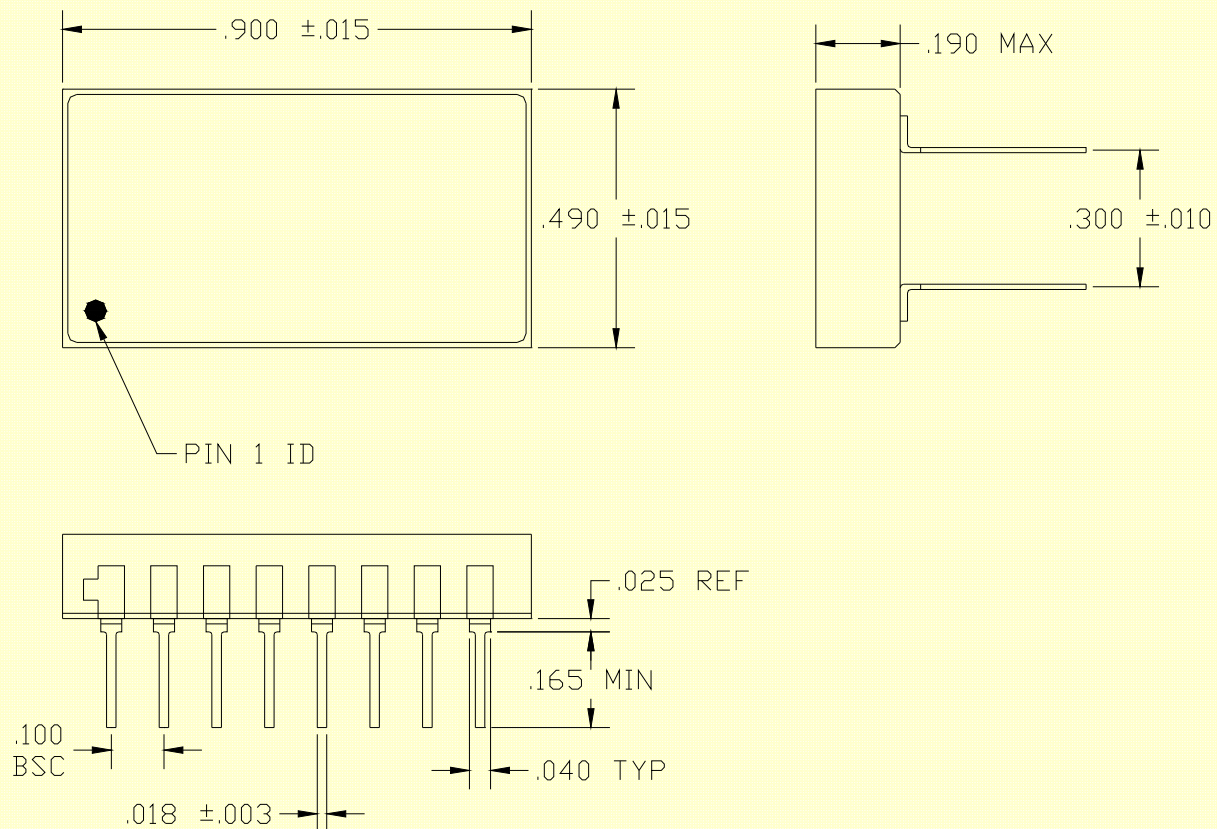
Sensitron Part Number	Direct Industry Cross	Reverse Stand-Off Voltage	Min Breakdown Voltage @ 1 mA	Max Clamping Voltage @ IPP1 = 1A (8x20 μ s)	Max Clamping Voltage @ IPP2 = 10A (8x20 μ s)	Max Reverse Leakage @ VWM	Max Capacitance @ 0V, 1MHz	Max Voltage Temp Variation of
		VWM Volts	V(BR) Volts	Vc1 Volts	Vc2 Volts	ID μ A	C pF	V(BR) mV/C
Unidirectional								
DLZ5	DLTS-5	5.0	6.0	10.2	12.5	200	880	5
DLZ5A	DLTS-5A	5.0	6.0	9.5	10.6	200	880	5
DLZ12	DLTS-12	12	13.3	21.1	26.0	2	440	18
DLZ12A	DLTS-12A	12	13.3	19.1	23.5	2	440	18
DLZ17	DLTS-17	17	19.2	30.4	37.4	2	330	20
DLZ17A	DLTS-17A	17	19.2	27.5	33.9	2	330	20
DLZ24	DLTS-24	24	26.7	42.3	52.1	2	275	31
DLZ24A	DLTS-24A	24	26.7	38.3	47.2	2	275	31
DLZ30	DLTS-30	30	33.3	52.8	65.0	2	220	39
DLZ30A	DLTS-30A	30	33.3	47.8	58.8	2	220	39
Bi-directional								
DLZ8C	DLTS-8C	8.0	8.5	13.4	16.6	30	440	9
DLZ8CA	DLTS-8CA	8.0	8.5	12.2	15.0	30	440	9
DLZ13C	DLTS-13C	13	14.4	22.8	28.1	4	385	18
DLZ13CA	DLTS-13CA	13	14.4	20.6	25.4	4	385	18
DLZ19C	DLTS-19C	19	21.6	34.2	42.1	4	275	24
DLZ19CA	DLTS-19CA	19	21.6	31.0	38.1	4	275	24
DLZ30C	DLTS-30C	30	33.3	52.8	65.0	4	165	39
DLZ30CA	DLTS-30CA	30	33.3	47.8	58.8	4	165	39

BENEFITS/APPLICATIONS

- ✓ Protects up to 15 Lines
- ✓ Protection of data lines at the PC board level
- ✓ Provides electrically isolated transient protection
- ✓ Military environment capability
- ✓ IEC61000-4-2 and IEC61000-4-4 compliant for ESD and EFT protection

TVS DIODE ARRAY

PACKAGE OUTLINE



About Sensitron:

Sensitron is a leading manufacturer of high reliability power electronics solutions. Markets served include the complete spectrum of reliability markets including space, aerospace, and defense.
<http://www.sensitron.com>