



Data Line Transient Suppressor Series Reliability & Qualification Data

This is the reliability and qualification data for the Data Line Transient Suppression Series.

Features

Unidirectional or Bi-directional
Multiple TVS Array
Dual-in-line, 16 Pin Hermetic Package
Low Capacitance
Voltage range of 5V to 100V
Military Environment Capability

Mechanical

Case: Ceramic, 16 pin dual-in-line
Polarity: Pin No. 1 marked with a
flag and dot on top of package
 μ P/mP Compatible Package
Common Buss Configuration

Maximum Ratings

500 Watts of Peak Pulse Power / Position (@ 25° C)(8 x 20 μ s)
Operating Temperatures: -55° C to 150° C
Storage Temperature: -55° C to 150° C
Forward Surge Rating: 10Amps, 1/20 sec. @ 25° C (unidirectional)

Stress	Results
Moisture Classification	Level 1 Package - No Drypack Required
ESD Sensitivity	Non-sensitive – No special handling required
Steady State Life	0/690 @ 25° C – Tj 150° C
Temperature Cycle	1/690 @ 1000 temp. cycles (65 C to 200 C)
High Temperature Reverse Bias	0/675 @ 125° C (1000 Hours)
Humidity	0/675 @ 85° C 85% Humidity (1000 hours)

DLTS1101

Series: DLTS-5 to DLTS-30

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