



## Product Overview

### SRDA05-4: Low Capacitance Surface Mount Transient Voltage Suppressor for High Speed Data Interfaces

For complete documentation, see the data sheet

#### Product Description

The SRDA05-4 transient voltage suppressor is designed to protect equipment attached to high speed communication lines from ESD, EFT, and lightning.

#### Features

- SO-8 Package
- Peak Power - 500 Watts 8 x 20  $\mu$ S
- ESD Rating:
  - IEC 61000-4-2 (ESD) 15 kV (air) 8 kV (contact)
  - IEC 61000-4-4 (EFT) 40 A (5/50 ns)
  - IEC 61000-4-5 (lightning) 23 (8/20  $\mu$ s)
- UL Flammability Rating of 94V-0
- Pb-Free Package is Available

#### Applications

- High Speed Communication Line Protection

#### Part Electrical Specifications

| Product     | Compliance | Status | Interface    | Number of Lines | Direction     | C Max (pF) | V <sub>(BR)</sub> Min (V) | V <sub>RWM</sub> Max (V) | I <sub>R</sub> Max (uA) | P <sub>PK</sub> Max (W) | Package Type |
|-------------|------------|--------|--------------|-----------------|---------------|------------|---------------------------|--------------------------|-------------------------|-------------------------|--------------|
| SRDA05-4R2G | Pb-free    | Active | T1/E1, T3/E3 | 4               | Bidirectional | 8          | 6                         | 5                        | 10                      | 500                     | SOIC-8       |

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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