



Product Overview

SMDA05CDR2G: Bi-directional TVS Array for High Speed Data Line Protection

For complete documentation, see the [data sheet](#)

Product Description

The SMDA series transient voltage suppressor is designed to protect equipment attached to up to four high-speed communication lines from ESD, EFT, and lightning.

Features

- SO-8 Package
- ESD Rating:
 - IEC 61000-4-2 (ESD), 15kV (air), 8kV (contact)
 - IEC 61000-4-4 (EFT), 40A (5/50 ns)
 - IEC 61000-4-5 (lightning), 12A (8/20 s)
- UL Flammability Rating of 94 V-0
- These devices are Pb-Free, Halogen Free/BFR Free, and are RoHS Compliant
- High Speed Communication Line Protection
- LAN/WAN Equipment
- Servers

Part Electrical Specifications

Product	Compliance	Status	Dir	$V_{(BR)}$ Typ (V)	P_{PK} Max (W)	V_{RWM} Max (V)	I_R Max (uA)	V_C Max (V)	Package Type
SMDA05CDR2G	Pb-free Halide free	Active	Bidirectional	-	300	5	20	11	SOIC-8

For more information please contact your local sales support at www.onsemi.com

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