



Product Overview

LC03-6: Low Capacitance Transient Voltage Suppressor for High Speed Data Interfaces

For complete documentation, see the data sheet

Product Description

The LC03-6 transient voltage suppressor is designed to protect equipment attached to high speed communication lines from ESD, EFT, and lighting.

Features

- SO-8 Package
- Peak Power - 2000 Watts 8 x 20 μ 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 (lighting) 23 (8/20 μ 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 _(BR) Min (V)	V _{RWM} Max (V)	I _R Max (uA)	P _{PK} Max (W)	Package Type
LC03-6R2G	Pb-free	Active	Ethernet (10/100, Gigabit) T1/E1, T3/E3	2	Unidirectional	25	6	5	20	2000	SOIC-8

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

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