



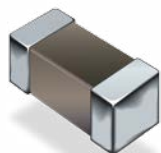
PORTNOTE[®] SOLUTIONS

Solution Products



CG0402MLU-12G

Companion Products



CS160808-68NK
Multilayer Chip Inductor

Design Kit



PN-DESIGNKIT 5

VHF/UHF Coaxial Port - ESD Protection

Objective

This solution is designed to protect RF ports under 12 Vp-p in the VHF and UHF (30 MHz – 3000 MHz) from ESD events.

Solution

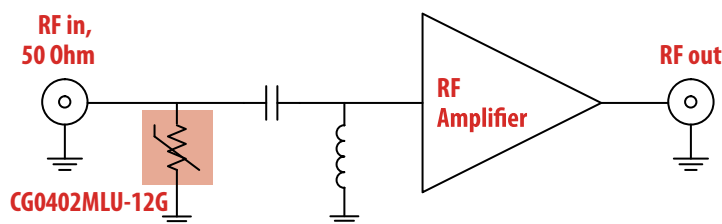
1 ChipGuard[®] Device: CG0402MLU-12G

Compliance

IEC 61000-4-2 Level 4 (8 kV / 15 kV)

Benefit

This solution provides ESD protection without impairing VHF and UHF signals.



The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.

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Bourns[®] PortNote[®] solutions provide protection recommendations for typical port threats.

For more information, go to:

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