



# PORTNOTE<sup>®</sup> SOLUTIONS

## VHF/UHF Coaxial Port - ESD Protection

### Solution Products



CG0402MLU-12G

### 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.

### Compliance

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

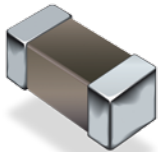
### Benefit

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

### Solution

1 ChipGuard<sup>®</sup> Device: CG0402MLU-12G

### Companion Products

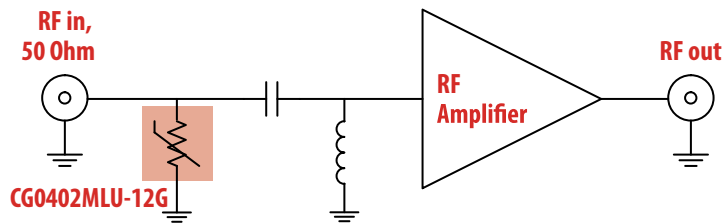


CS160808-68NK  
Multilayer Chip Inductor

### Design Kit



PN-DESIGNKIT 5



*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.*

# BOURNS<sup>®</sup>

Americas: Tel +1-951 781-5500  
Fax +1-951 781-5700

Europe: Tel +41-(0)41 768 55 55  
Fax +41-(0)41 768 55 10

Asia-Pacific: Tel +886-2 256 241 17  
Fax +886-2 256 241 16

Bourns<sup>®</sup> PortNote<sup>®</sup> solutions provide protection recommendations for typical port threats.

For more information, go to:

[www.bourns.com](http://www.bourns.com)

or email: [protection@bourns.com](mailto:protection@bourns.com)