

# Token Ring Isolation Modules

Single & Dual SMD Packages



## Product Features:

- Standard series of SMD Isolation Modules to meet the high isolation and impedance matching requirements of IEEE 802.5 for Token Ring applications.
- Non-Standard designs are also available.
- UL60950 and EN60950 recognized
- Patented Open Frame Construction
- 100% Compliance Testing
- 1500Vrms Hi-Pot

Part Number	Package Style	Turns Ratio $\pm 3\%$	PRI OCL ( $\mu\text{H typ}$ )	PRI/SEC Cw/w ( $\text{pF max}$ )	Primary LL ( $\mu\text{H max}$ )	PRI DCR ( $\Omega \text{ max}$ )	Rise Time ( $\text{nS max}$ )
TG11-0756N1LF	Dual	1:1:1:1	75	10	0.2	0.2	3.0
TG11-0756NTLF	Single	1:1:1:1	75	13	0.2	0.2	3.0
TG11-1506N1LF	Dual	1:1:1:1	150	10	0.2	0.3	3.5
TG12-0756N1LF	Dual	1:1:2:2	75	10	0.1	0.2	10
TG12-0756NTLF	Single	1:1:2:2	75	16	0.1	0.2	3.0
TG12-1506N1LF	Dual	1:1:2:2	150	12	0.1	0.3	10
TG51-0756N1LF	Dual	1:1:1.22:1.22	75	10	0.2	0.2	3.0
TG51-1506N1LF	Dual	1:1:1.22:1.22	150	12	0.3	0.3	3.5
TG51-2506N1LF	Dual	1:1:1.22:1.22	250	15	0.5	0.4	4.0

Please contact the factory or representative for individual datasheets or additional information.

## Single Schematic



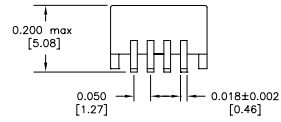
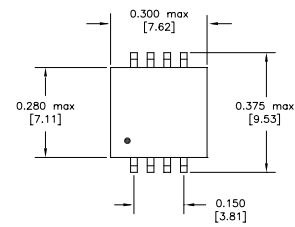
## Dual Schematic



# Token Ring Isolation Modules

## Package NT

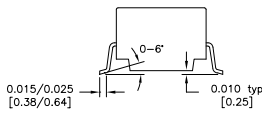
## Package N1



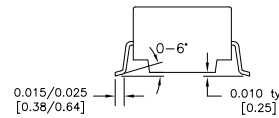
Recommended Solder Pad Dimensions



Recommended Solder Pad Dimensions



Dimensions: inches [mm]  
Co-Planarity: 0.004 [0.10]



Dimensions: inches [mm]  
Co-Planarity: 0.004 [0.10]

### US Patent Numbers

5,656,985      6,297,721 B1  
6,297,720 B1      6,320,489 B1  
6,344,785 B1      6,662,431 B1



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