Co-Directional Isolation Modules

Single or Dual Core SMD Packages

















Product Features:

- Standard series of SMD single and dual core Isolation Modules for ITU G.703 Codirectional applications up to 1.5Mbps.
- Designed for and approved by EXAR for use with the XRT6164 at data rates of 64Kbps and above.
- 1500Vrms Hi-Pot
- Operating Temp 0 to +70°C
- UL/EN60950 Recognized
- Patented Open Frame Construction

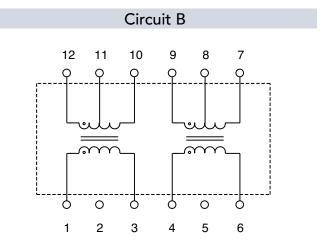
Part Number	PRI OCL (mH min)	Turns Ratio PRI:SEC	Primary Pins	LL (µH max)	Cw/w (pF max)	Circuit Schematic	RoHS
TG05-2004NALF	20	1:2CT	1-3	5.0	130	Α	Pb-Free
TG05-2004NARL	20	1:2CT	1-3	5.0	130	А	RoHS (7a)
TG05-2004NCLF	20	1:2CT	1-3 & 4-6	5.0	150	В	Pb-Free
TG05-2004NCRL	20	1:2CT	1-3 & 4-6	5.0	150	В	RoHS (7a)

Notes:

- 1. Pb-Free parts are RoHS 6/6 compliant. RoHS (7a) parts contain lead per exemption 7a which is set to expire July 2016.
- 2. Parts with RL suffix are not recommended for new designs.
- 3. Please contact the factory or representative for individual datasheets or additional information.

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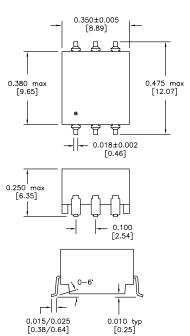
Circuit A

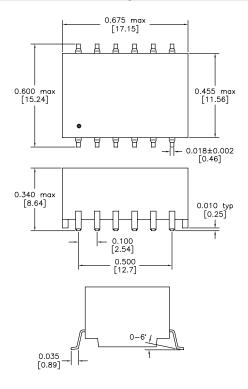


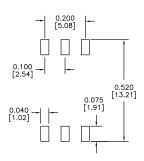
Co-Directional Interface Isolation Modules

Package NA

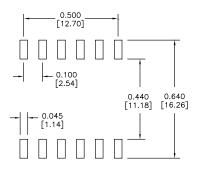
Package NC







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



Recommended Solder Pad Dimensions

Recommended Solder Pad Dimensions

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



HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.