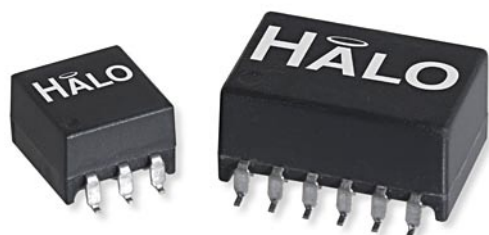


Co-Directional Isolation Modules

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
- UL60950 and EN60950 recognized
- Patented Open Frame Construction

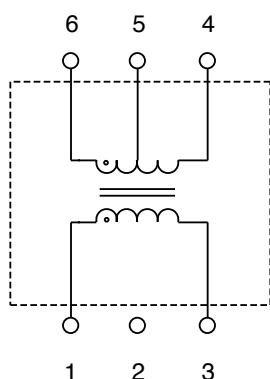
Part Number	PRI OCL (mH min)	Turns Ratio PRI:SEC	Primary Pins	LL (μH max)	Cw/w (pF max)	PRI DCR (Ω max)	Circuit Schematic
TG05-2004NARL	20	1:2CT	1-3	5.0	130	2.8	A
TG05-2004NCRL	20	1:2CT	1-3 & 4-6	5.0	150	2.95	B

Electrical Specifications @ 25°C

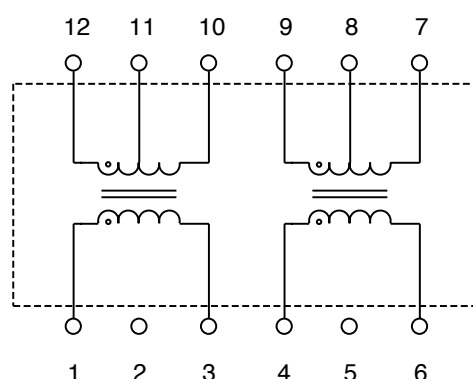
Crosstalk (0.1 - 5MHz):

-60dB Typ.

Circuit A

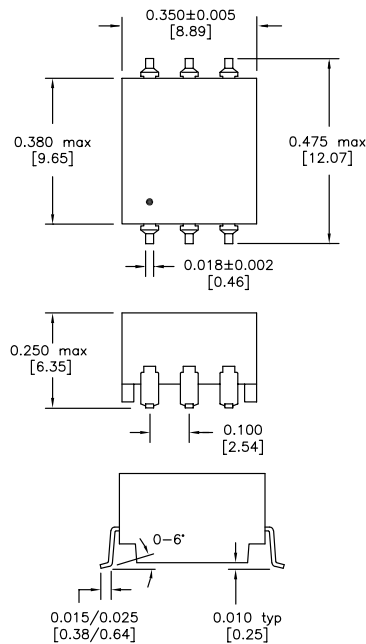


Circuit B

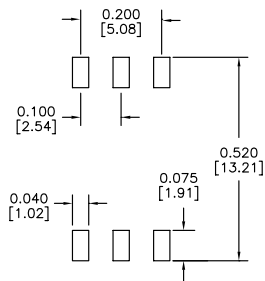


Co-Directional Interface Isolation Modules

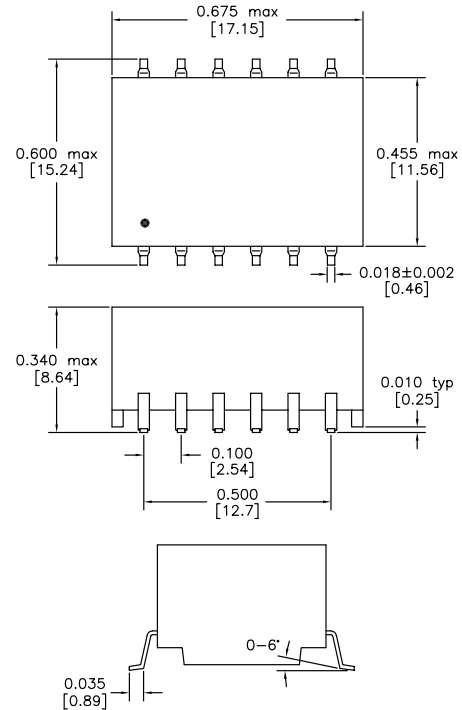
Package NA



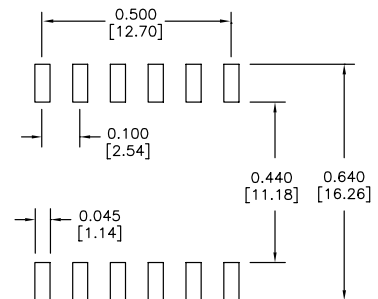
Recommended
Solder Pad Dimensions



Package NC



Recommended
Solder Pad Dimensions



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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