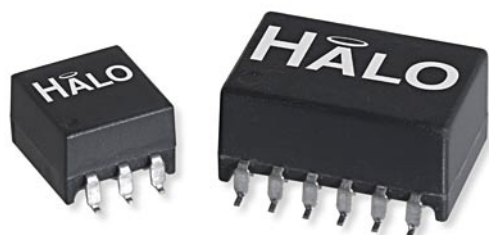


Co-Directional Isolation Modules

Single or Dual Core SMD Packages



Product Features:

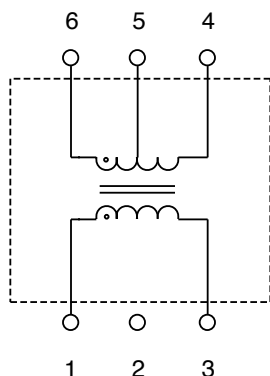
- Standard series of SMD single and dual core Isolation Modules for ITU G.703 Codirectional applications up to 1.5Mbps.
- Designed for and approved by EXAR for use with the XRT6164 at data rates of 64Kbps and above.
- 1500Vrms Hi-Pot
- Operating Temp 0 to +70°C
- UL60950 and EN60950 recognized
- Patented 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

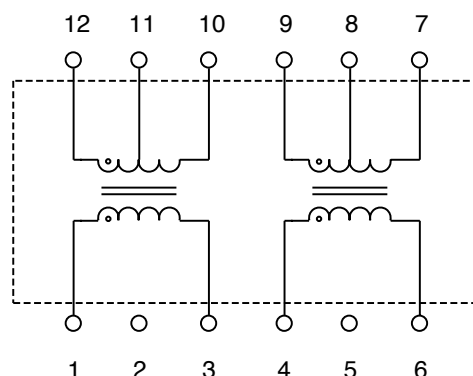
Electrical Specifications @ 25°C
Crosstalk (0.1 - 5MHz):

-60dB Typ.

Circuit A

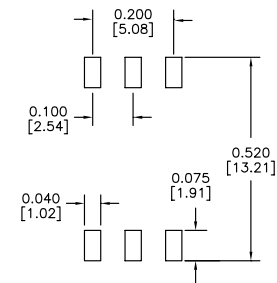
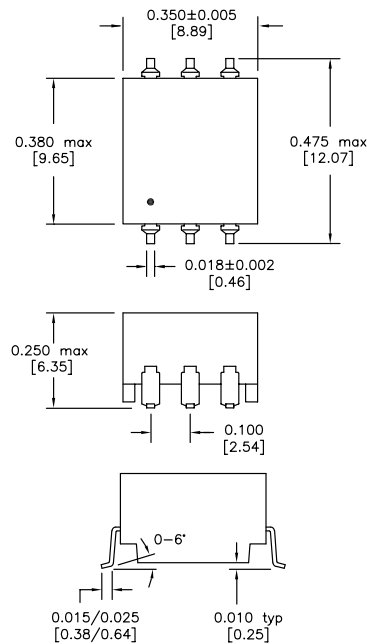


Circuit B



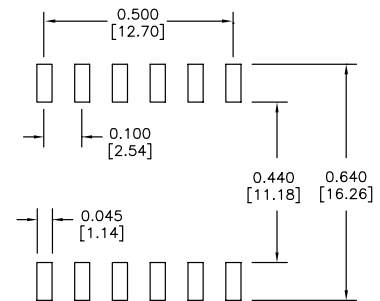
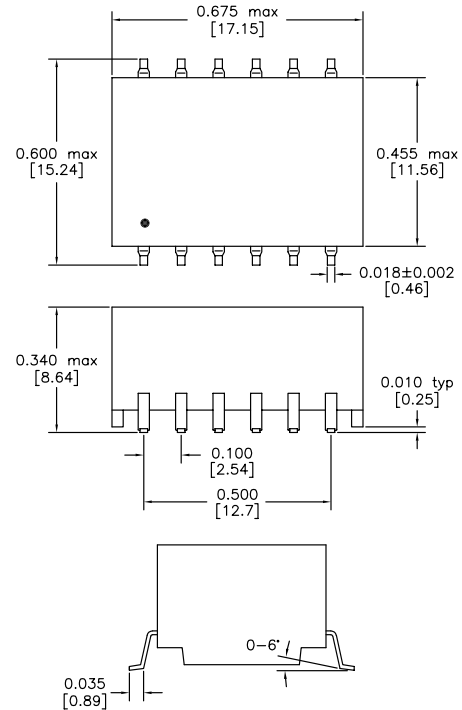
Co-Directional Interface Isolation Modules

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

HALO
ELECTRONICS, INC.

2880 Lakeside Drive #116
Santa Clara, CA 95054
(650) 903-3800

www.haloelectronics.com

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.

© Copyright 2014 HALO Electronics, Inc. All rights reserved.

Revised 03/2014 Download the latest version at www.haloelectronics.com/pdf/discrete-64kbt.pdf