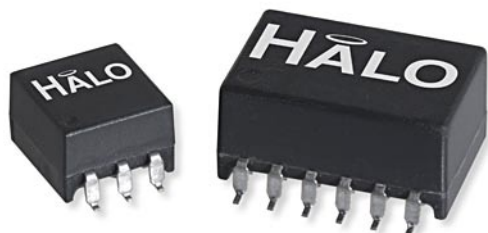


Switched 56/DDS/DS Modules

Single or Dual Core SMD Packages



Product Features:

- Standard series of single and dual core Isolation Modules for Switched 56/DDS/DSU/OCU applications
- 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 $\pm 1\%$ PRI:SEC	Primary Pins	LL (μ H max)	Cw/w (pF max)	PRI DCR (Ω max)	Circuit Schematic
TG04-4004NARL	40	1CT:1CT	1-3	40	150	8.0	A
TG04-4004NCRL	40	1CT:1CT	1-3 & 4-6	40	150	8.0	B

Electrical Specifications @ 25°C

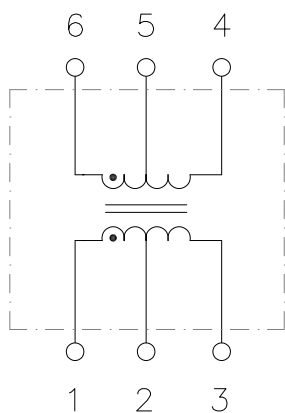
Crosstalk (0.1 - 5MHz):

-60dB Typ.

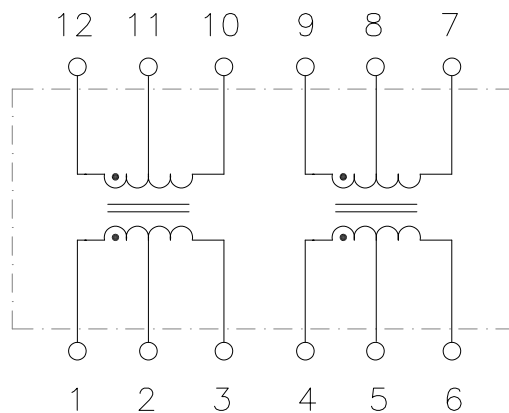
Longitudinal Balance (30KHz):

-40dB Typ.

Circuit A

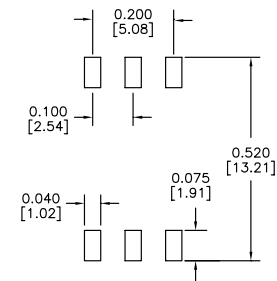
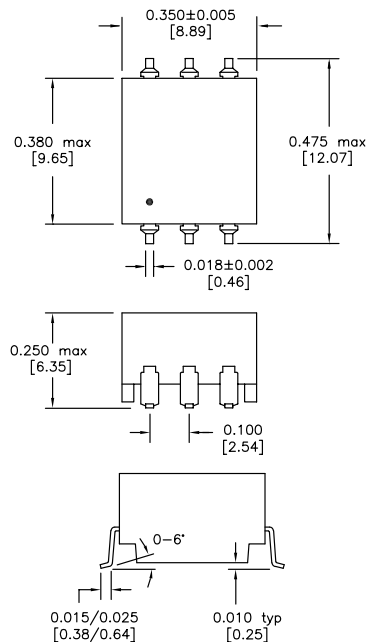


Circuit B



Switched 56/DDS/DS Interface Modules

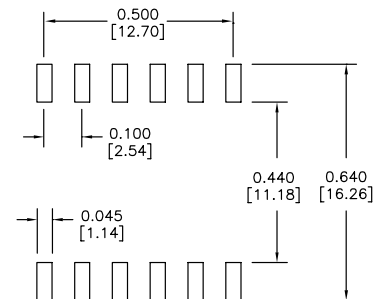
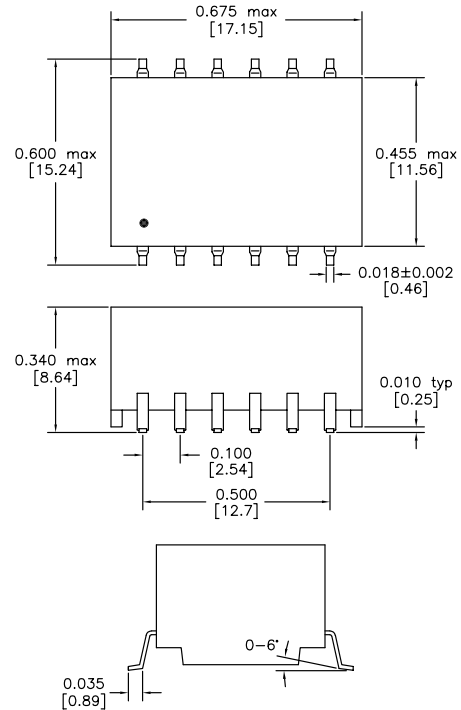
Package NA



Recommended Solder Pad Dimensions

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

Package NC



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, INC.

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

www.halo-electronics.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.halo-electronics.com/pdf/discrete-56kbt.pdf