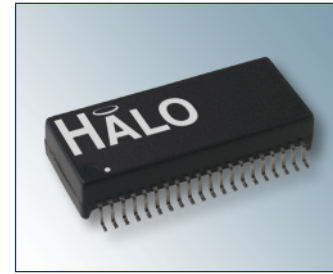


HALO SMD Quad Port Auto MDIX 10/100 Modules

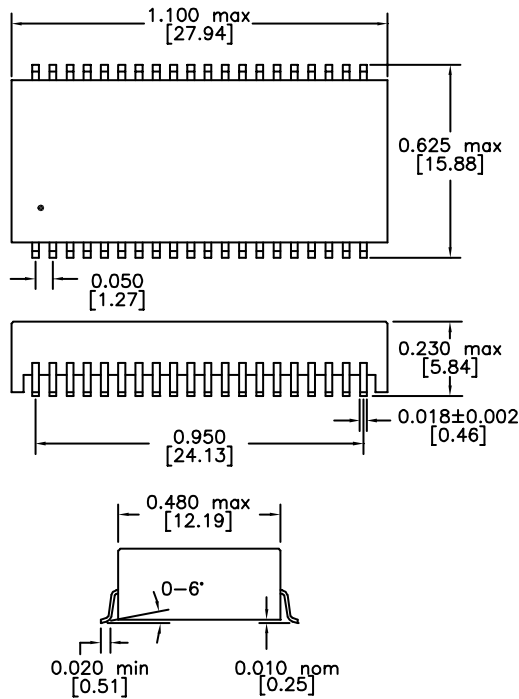
HALO ELECTRONICS, INC.

HALO Electronics is pleased to offer this series of Fast Ethernet isolation modules, which has been designed specifically for Auto MDIX 10/100 applications. Compatible with all leading IC vendors' Auto MDIX Phy's. UL1950, IEC950 and EN60950 recognized.



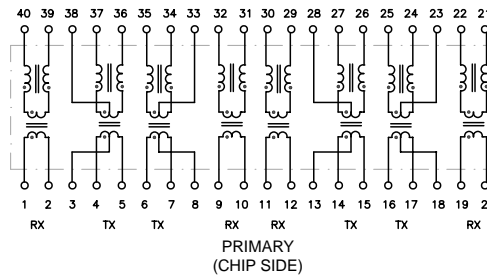
SMD Quad Port Auto MDIX 10/100 Modules

NX Package

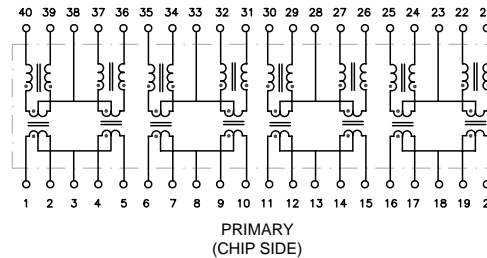


DIMENSIONS: Inch [mm]
CO-PLANARITY: 0.004 [0.10]

Schematic A



Schematic B



Patented Construction

US Pat Nbrs: 5,656,985
6,297,721 B1
6,297,720 B1
6,320,489 B1
6,344,785 B1

Electrical Specifications @ 25°C

Isolation Voltage:	1,500 Vrms	OCL:	350µH Min.
Turns Ratio	1CT:1CT	Leakage Inductance:	0.4µH Max.
CMR (0.1-100MHz):	-40dB Typ.	DCR (PRI):	0.9° Max.

Part Number	Insertion Loss (Max)		Return Loss (dB Min)			Circuit
	0.1 - 100 MHz	0.5-30MHz	40MHz	50MHz	60-80MHz	
TG110-AMX2NX	-1.1dB	-18	-15.5	-13.6	-10	B
TG110-BCM1NX*	-1.1dB	-18	-15.5	-13.6	-10	A
TG110-BCM2NX	-1.1dB	-18	-15.5	-13.6	-10	B

* Designed for interchangeable non-Auto MDIX applications