

HALO SMD Quad Port Auto MDIX 10/100 Modules

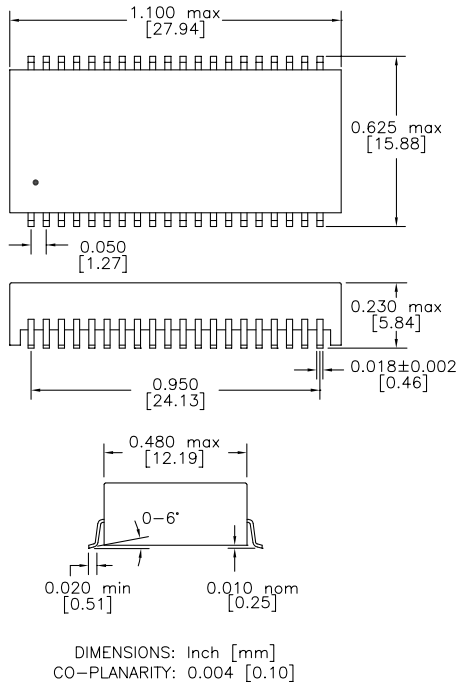
HALO ELECTRONICS, INC.

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. UL60950 and EN60950 recognized.

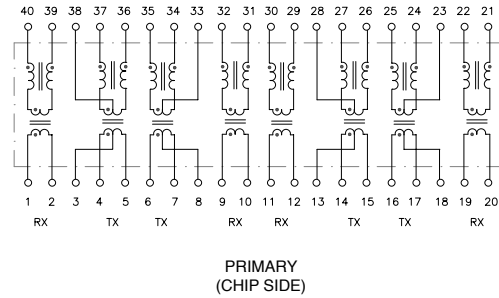


SMD Quad Port Auto MDIX 10/100 Modules

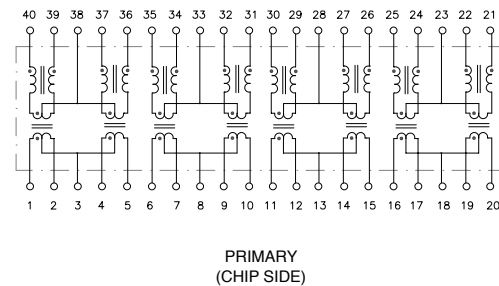
NX Package



Circuit A



Circuit B



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.

Patented Construction

US Pat Nbrs:	5,656,985	6,297,721 B1
	6,297,720 B1	6,320,489 B1
	6,344,785 B1	6,662,431 B1

Part Number	Insertion Loss (Max)		Return Loss (dB Min)			Circuit Diagram
	0.1 - 100 MHz	0.5-30MHz	40MHz	50MHz	60-80MHz	
TG110-AMX2NXRL	-1.1dB	-18	-15.5	-13.6	-10	B
TG110-BCM1NXRL*	-1.1dB	-18	-15.5	-13.6	-10	A
TG110-BCM2NXRL	-1.1dB	-18	-15.5	-13.6	-10	B

* Designed for interchangeable non-Auto MDIX applications