

# HALO SMD Quad Port Auto MDIX 10/100 Modules

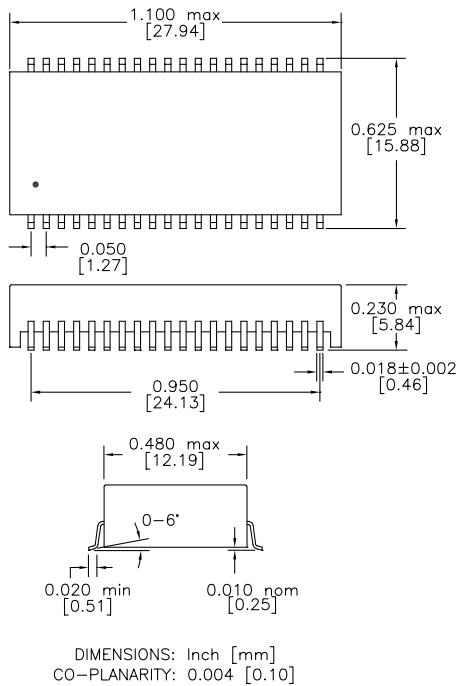
HALO ELECTRONICS, INC.

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.

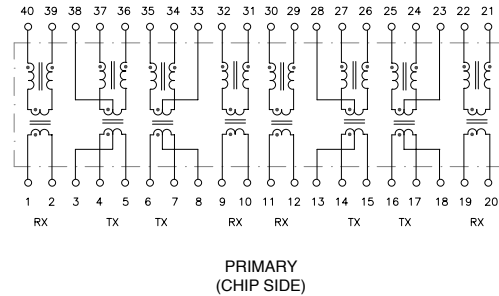


SMD Quad Port Auto MDIX 10/100 Modules

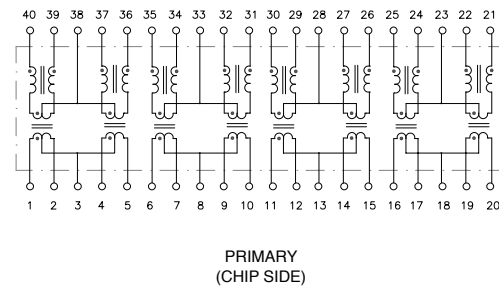
## NX Package



## 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