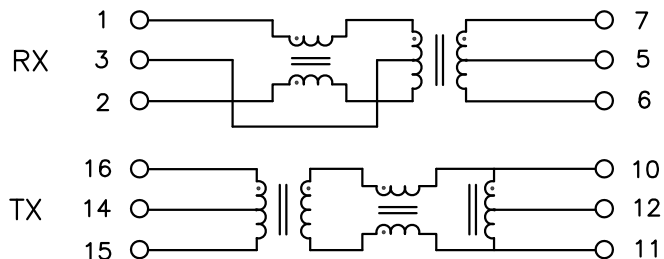


DIMENSIONS: Inch [mm]  
CO-PLANARITY: 0.004 [0.10]  
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



## PART NO. : TG22-3506NLRL

16PIN SMT 10/100BASE-TX ISOLATION MODULE  
RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE SOLDERING PROCESS  
CONDITION PER IPC/JEDEC J-STD-020C  
OPERATING TEMPERATURE 0/+70°C

## ELECTRICAL SPECIFICATIONS @25°C

TURNS RATIO TX P16-15:P10-11 RX P1-2:P7-6 OCL (100KHz,0.1Vrms,8mA) DCR LL (1MHz) Cw/w INSERTION LOSS 0.1-100MHz RETURN LOSS 0.5-30MHz 40MHz 50MHz 60-80MHz CROSSTALK 0.1-100MHz CMR 0.1-100MHz ISOLATION	1CT:1CT ±3% 1CT:1CT ±3% 350µH min 0.9Ω max 0.4µH max 15pF typ -1.1dB max -18dB min -15.5dB min -13.6dB min -10dB min -38dB typ -40dB typ 1,500Vrms
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**HALO/PBL**

CALIFORNIA, USA  
KOWLOON, HONG KONG  
SINGAPORE

TITLE	ISOLATION MODULE		SIGNATURES	DATE	REV.	DESC.	DATE
FOR	FAST ETHERNET, IEEE802.3u		DRAWN	LI ZHI ZHONG	10/10/05	A	FIRST ISSUE
PART NO.	TG22-3506NLRL		CHECKED	LEI KEONG	1/28/14	B	PROD. RELEASE
SCALE	NONE	PAGE	1 OF 1	APPROVED	PETER LU	1/28/14	
				FILE	TG22NLRL.DWG		