



PART NO. : TG110-S555NHRL

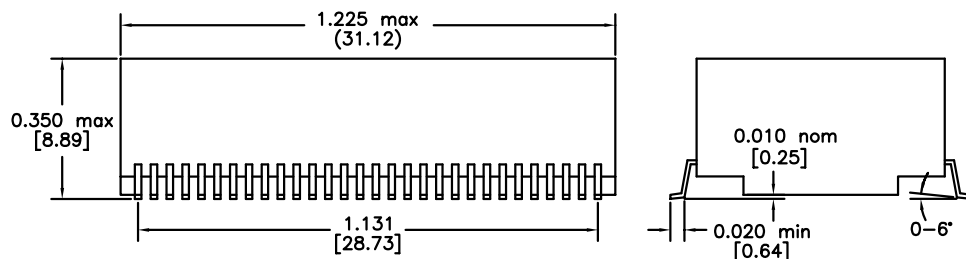
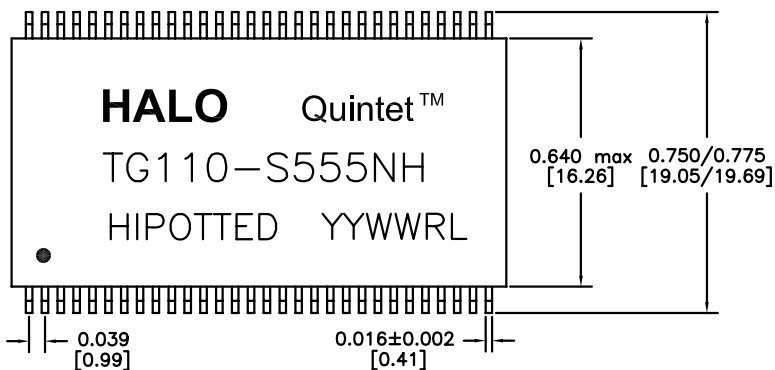
FIVE-PORT 10/100BASE-TX ISOLATION MODULE
60PIN HIGH DENSITY SURFACE MOUNT PACKAGE
RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
CONDITION PER IPC/JEDEC J-STD-020C

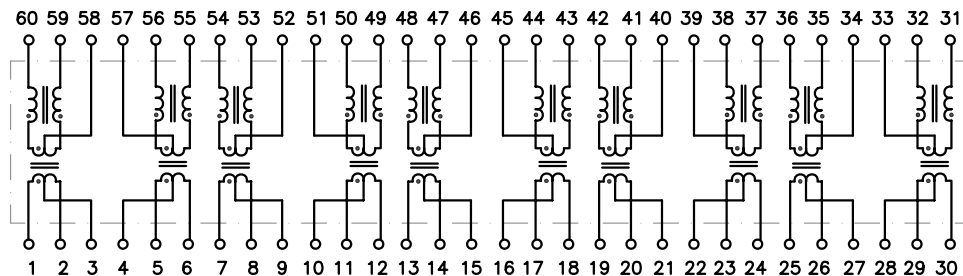
OPERATING TEMPERATURE 0/+70°C

ELECTRICAL SPECIFICATIONS @ 25° C

URNS RATIO	1CT:1CT ±2%
OCL (100KHz,0.1Vrms,8mA)	350µH min
DCR (PRI)	0.9Ω max
LL (1MHz)	0.4µH max
INSERTION LOSS	
0.1-100MHz	-1.1dB max
RETURN LOSS	
0.5-30MHz	-18dB min
40MHz	-15.5dB min
50MHz	-13.6dB min
60-80MHz	-10dB min
CROSSTALK (0.1-100MHz)	-38dB typ
CMR (0.1-100MHz)	-40dB typ
ISOLATION	1,500Vrms



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



PRIMARY
CHIP SIDE



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	5-PORT ISOLATION MODULE		SIGNATURES	DATE	REV.	DESC.	DATE
	FOR	FAST ETHERNET					
PART NO.	TG110-S555NHRL		CHECKED	LEI KEONG	6/19/07		
SCALE	NONE	PAGE	1 OF 1	APPROVED	PETER LU	6/19/07	
				FILE	555NHRL.DWG		