

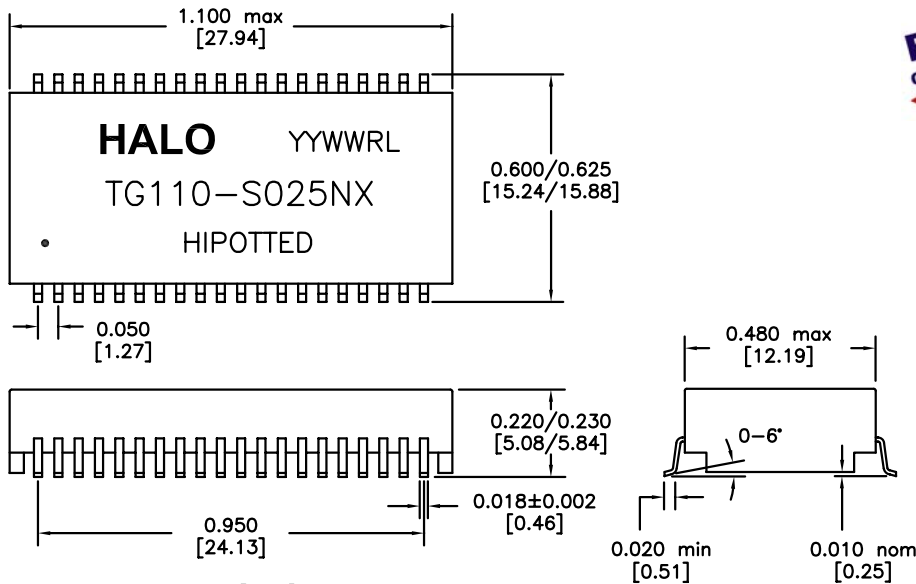


PART NO. : TG110-S025NXRL

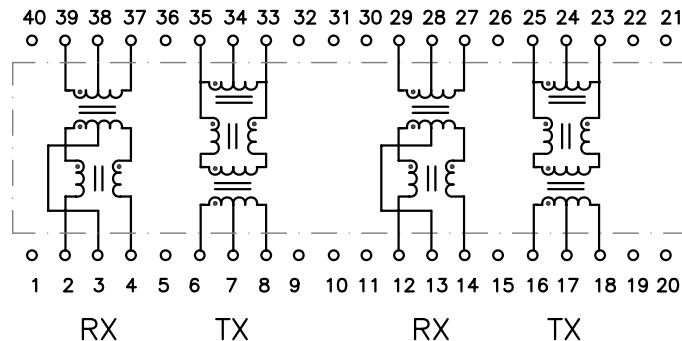
DUAL-PORT 10/100BASE-TX ISOLATION MODULE
LEAD-FREE/ROHS COMPLIANT
COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
CONDITION PER IPC/JEDEC J-STD-020C
OPERATING TEMPERATURE 0/+70°C

ELECTRICAL SPECIFICATIONS @ 25° C

Turns Ratio	1CT:1CT ±3%
OCL (100KHz,0.1Vrms,8mA)	350µH min
DCR	
P6-8,P16-18,P29-27,P39-37	0.9Ω max
LL (1MHz)	0.4µH max
Cw/w	30pF 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	-12dB min
Crosstalk 0.1-100MHz	-40dB 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



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION MODULE		SIGNATURES	DATE	REV.	DESC.	DATE
	FOR	FAST ETHERNET	DRAWN PETER LU	7/31/06	B	REVISE Cw/w	8/15/06
	PART NO.	TG110-S025NXRL	CHECKED				
	SCALE	NONE	APPROVED				
	PAGE	1 OF 1	FILE	S025NXRL.DWG			

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