



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

URNS 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

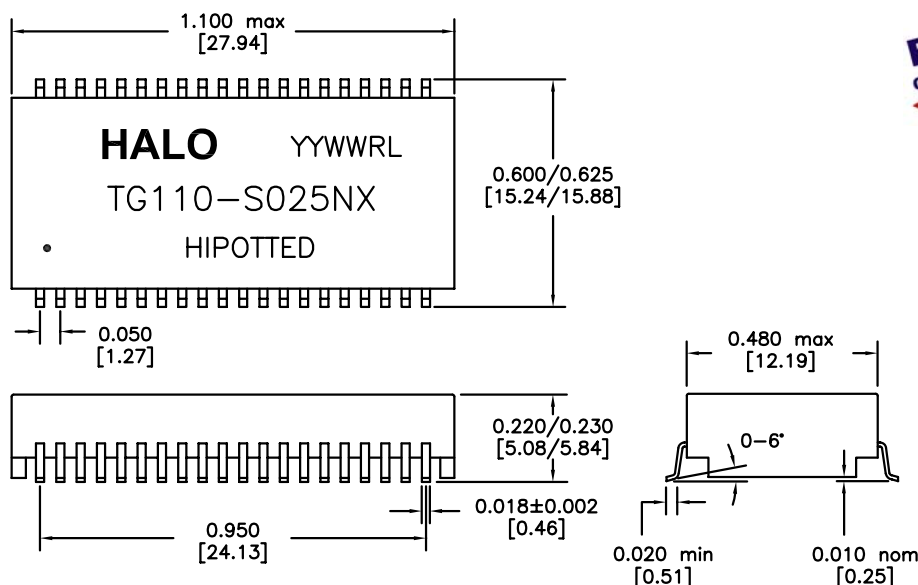
INSERTION LOSS
0.1-100MHz -1.1dB max

RETURN LOSS
0.5-30MHz -18dB min
40MHz -15.5dB min
50MHz -13.6dB min
60-80MHz -12dB min

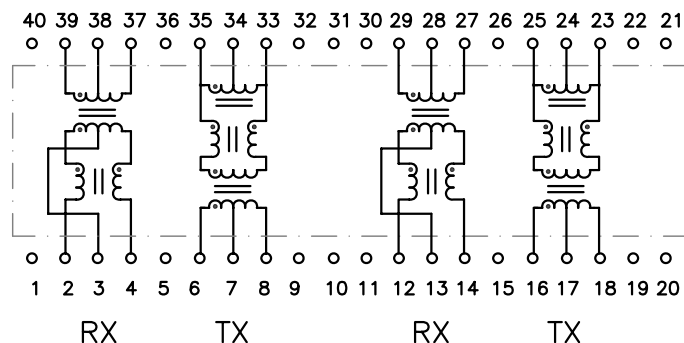
CROSSTALK 0.1-100MHz -40dB typ

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

FOR FAST ETHERNET

PART NO. TG110-S025NXRL

SCALE NONE

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SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE S025NXRL.DWG

DATE

7/31/06

REV.

B

DESC.

REVISE Cw/w

DATE

8/15/06