



PART NO. : TG110-3506NXRL

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

TX P2-4:P39-37,P12-14:P29-27 1CT:1CT ±3%

RX P6-8:P35-33,P16-18:P25-23 1CT:1CT ±3%

OCL (100KHz,0.1Vrms,8mA)

P2-4,P12-14,P23-25,P33-35 350µH min

DCR

P2-4,P12-14,P23-25,P33-35 0.9Ω max

LL (1MHz)

Cw/w 15pF typ

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

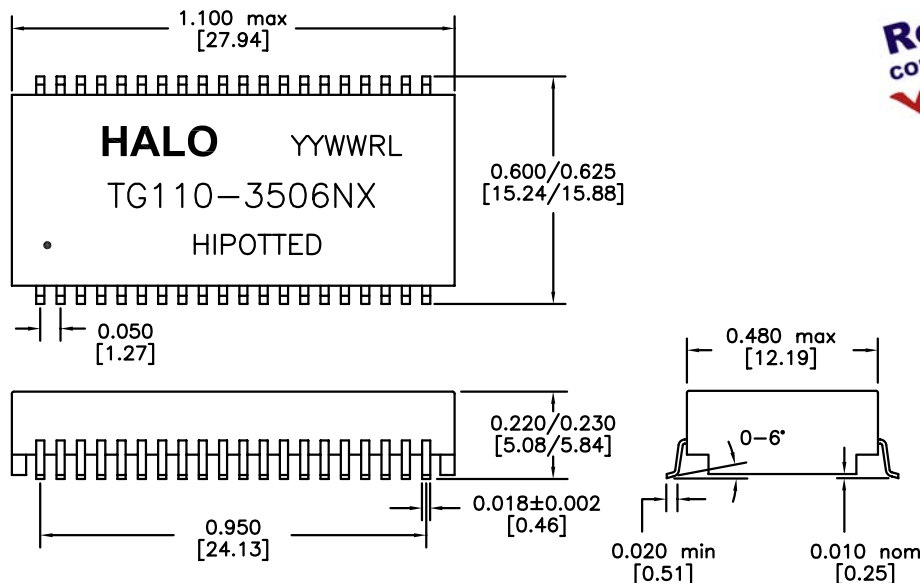
-40dB typ

CMR 0.1-100MHz

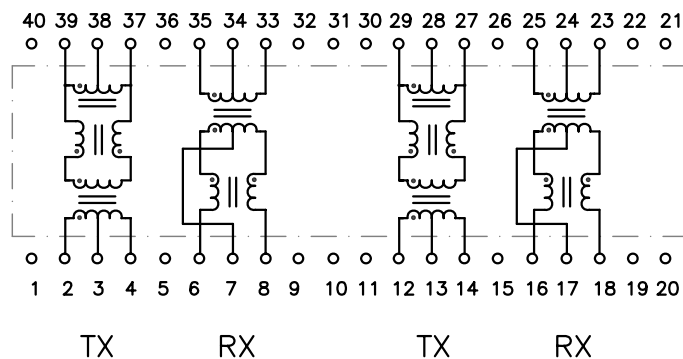
-40dB typ

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. TG110-3506NXRL

SCALE NONE

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SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE 3506NXRL.DWG

DATE

5/10/06

REV.

B

DESC.

ADD DCR PIN NO.

DATE

6/1/06