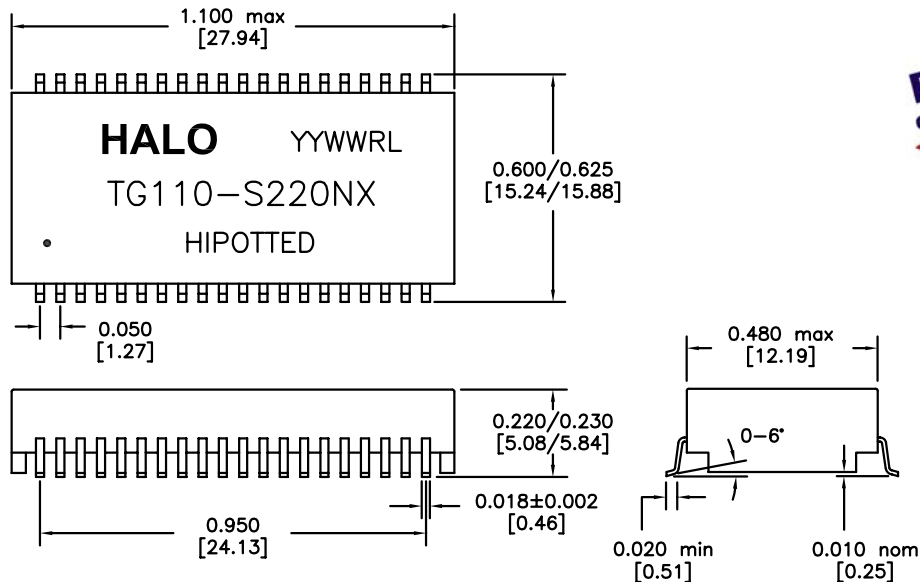
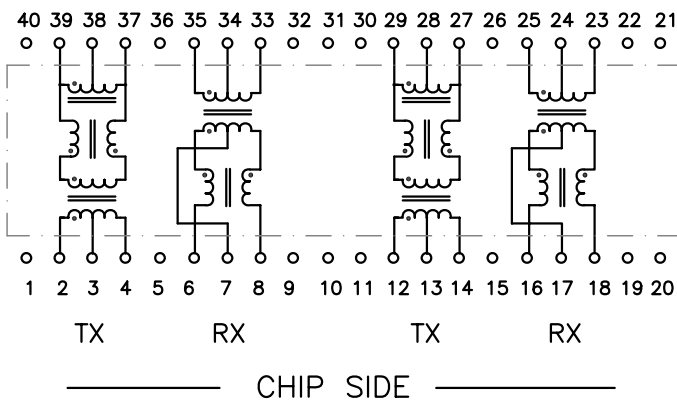




DIMENSIONS: Inch [mm]
CO-PLANARITY: 0.004 [0.10]
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



PART NO. : TG110-S220NXRL

DUAL-PORT 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 CHIP:LINE	2CT:1CT ±3%
RX CHIP:LINE	1CT:1CT ±3%
OCL (100KHz,0.1Vrms,8mA)	
CHIP SIDE	350µH min
DCR	
P2-4,P12-14,P25-23,P35-33	0.9Ω max
LL (1MHz)	
P25-23,P29-27,P35-33,P39-37	0.4µH max
Cw/w	30pF max
CROSSTALK 0.1-100MHz	-40dB typ
CMR 0.1-100MHz	-40dB typ
ISOLATION	1,500Vrms

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION MODULE

FOR FAST ETHERNET

PART NO. TG110-S220NXRL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN PETER LU

CHECKED LEI KEONG

APPROVED PETER LU

FILE S220NXRL.DWG

DATE

8/9/06

8/22/06

8/22/06

REV.

B

DESC.

PROD. RELEASE

DATE

8/22/06