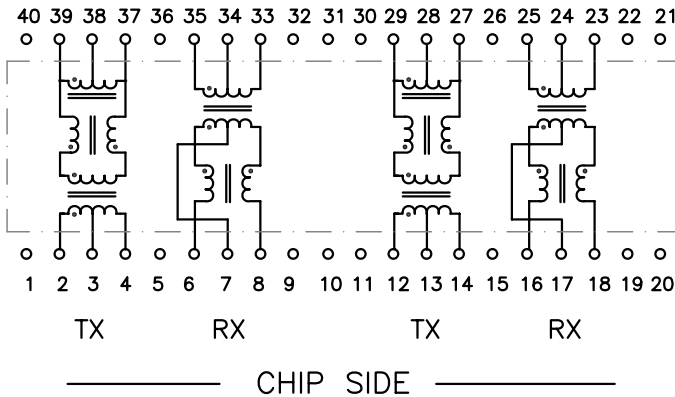


DIMENSIONS: Inch [mm]  
CO-PLANARITY: 0.004 [0.10]  
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



**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 |      | SIGNATURES | DATE      | REV.         | DESC.   | DATE                  |
| FOR      | FAST ETHERNET    |      | DRAWN      | PETER LU  | 8/9/06       | B       | PROD. RELEASE 8/22/06 |
| PART NO. | TG110-S220NXRL   |      | CHECKED    | LEI KEONG | 8/22/06      |         |                       |
| SCALE    | NONE             | PAGE | 1 OF 1     | APPROVED  | PETER LU     | 8/22/06 |                       |
|          |                  |      |            | FILE      | S220NXRL.DWG |         |                       |