



PART NO. : TG87-2006NXRL

FOUR-PORT 10BASE-T 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

URNS RATIO

TX P3-5:P38-36,P6-8:P35-33, 1CT:2 ±3%
P13-15:P28-26,P16-18:P25-23

RX P1-2:P40-39,P9-10:P32-31, 1:1 ±3%
P11-12:P30-29,P19-20:P22-21

OCL (100KHz,0.1V)

TX PRI 50µH min
RX PRI 200µH min

DCR

TX PRI 0.35Ω max
RX PRI 0.5Ω max

LL (1MHz,0.1V)

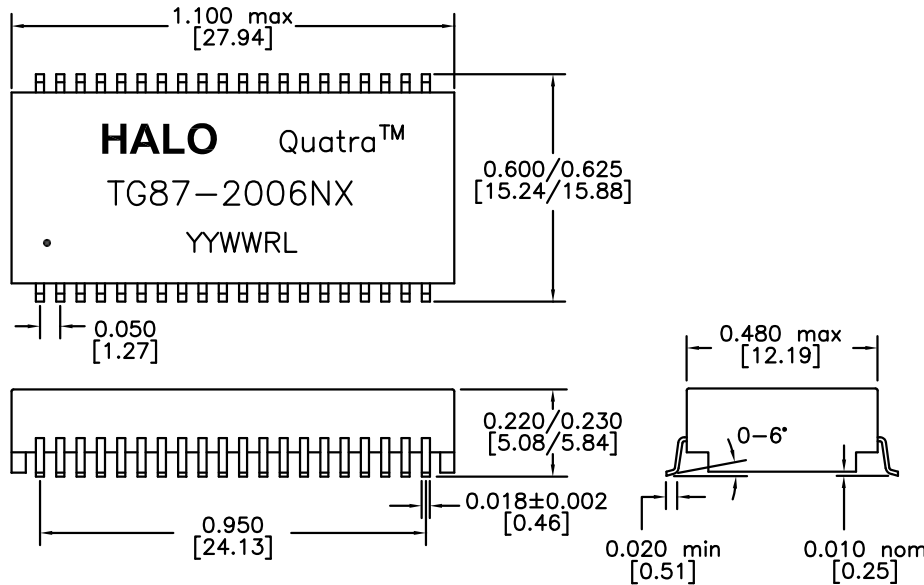
TX PRI 0.15µH max
RX PRI 0.2µH max

Cw/w (1MHz,0.1V)

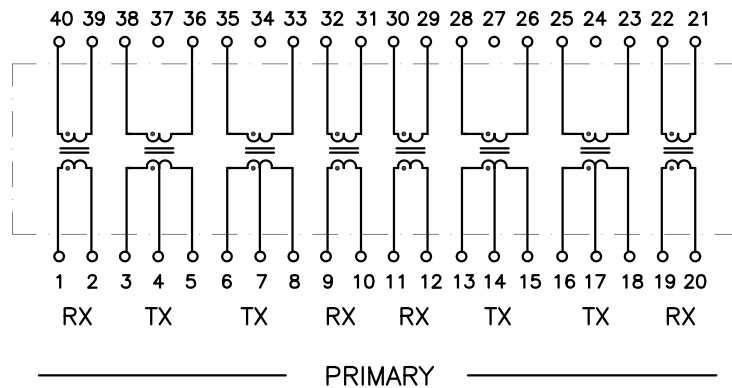
TX 10pF max
RX 15pF max

ISOLATION

1,500Vrms



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



PRIMARY

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION MODULE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	10BASE-T	DRAWN LI ZHI ZHONG	10/26/05	A	FIRST ISSUE	10/26/05
PART NO.	TG87-2006NXRL	CHECKED LEI KEONG	7/14/11	B	PROD. RELEASE	6/21/11
SCALE	NONE	APPROVED PETER LU	7/14/11	C	UPDATE SPEC.	7/14/11
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