



**PART NO. : TG91-S024NXRL**

FOUR PORT T1/E1 ISOLATION TRANSFORMER MODULE  
COMPATIBLE TO USE WITH TELELINK (TECCOR) DEVICES  
RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE SOLDERING PROCESS  
CONDITION PER IPC/JEDEC J-STD-020C

UL/EN60950 AND DEMKO RECOGNIZED

OPERATING TEMPERATURE -40/+85°C

**ELECTRICAL SPECIFICATIONS @25° C**

URNS RATIO

TX P1-2:P40-39,P8-9:P33-32, 1:2.4 ±2%

P11-12:P30-29,P18-19:P23-22

RX P3-4:38-37,P6-7:P35-34, 1:1 ±2%

P13-14:P28-27,P16-17:P25-24

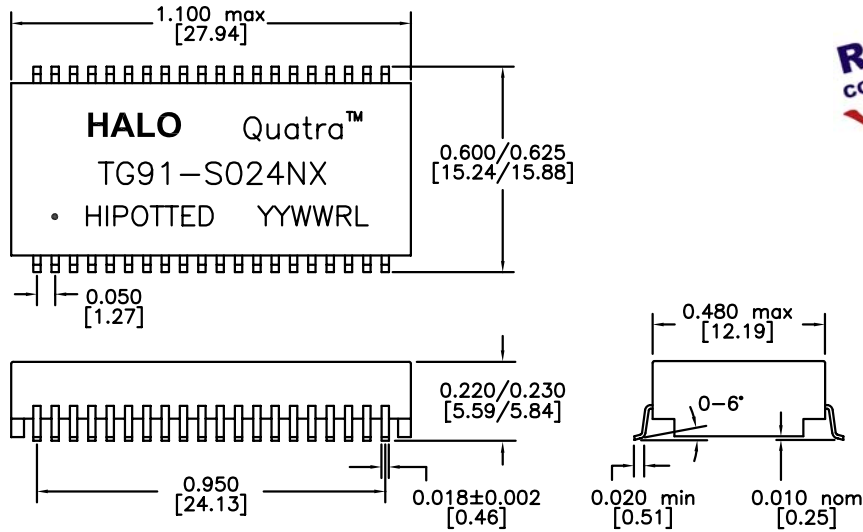
OCL (CHIP SIDE) 1.5mH typ

DCR (CHIP SIDE) 0.8Ω max

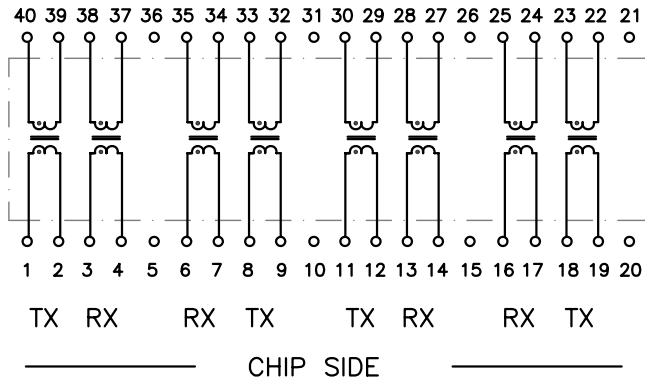
LL (CHIP SIDE) 0.5μH max

Cw/w 35pF max

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 TRANSFORMERS		SIGNATURES		DATE	REV.	DESC.	DATE
	FOR	T1/E1	DRAWN	PETER LU	2/5/07	A	FIRST ISSUE	2/5/07
	PART NO.	TG91-S024NXRL	CHECKED	LEI KEONG	2/5/07			
	SCALE	NONE	APPROVED	PETER LU	2/5/07			
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