

**PART NO. : TG22-S141NDRL**

16PIN SMT 10/100BASE-TX ISOLATION MODULE  
OPTIMIZED FOR AMD 79C973/5 PHY CHIPS

RoHS COMPLIANT

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

UL/EN60950 AND DEMKO RECOGNIZED

OPERATING TEMPERATURE 0/+70°C

**ELECTRICAL SPECIFICATIONS @25° C**

TURN RATIO

TX P16-15:P10-11

1CT:1.41CT±3%

RX P1-2:P7-6

1CT:1CT±3%

OCL (100KHz,0.1Vrms,8mA)

P7-6,P10-11

350µH min

DCR P1-2,P16-15

0.9Ω max

LL P1-2,P16-15

0.4µH max

Cw/w

20pF typ

CROSSTALK 0.1-100MHz

-40dB typ

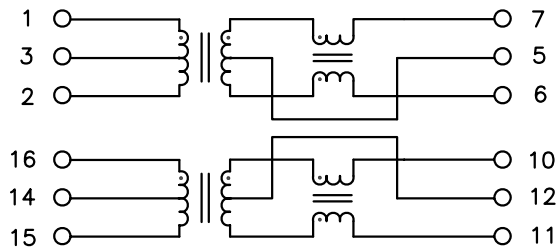
CMR 0.1-100MHz

-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		SIGNATURES		DATE	REV.	DESC.	DATE
	FOR	10/100BASE-TX		DRAWN	PETER LU	5/2/07	A	FIRST ISSUE
PART NO.	TG22-S141NDRL		CHECKED	LEI KEONG	5/2/07			
SCALE	NONE	PAGE	1 OF 1	APPROVED	PETER LU	5/2/07		
				FILE	S141NDRL.DWG			