



PART NO. : TG22-S010NDRL

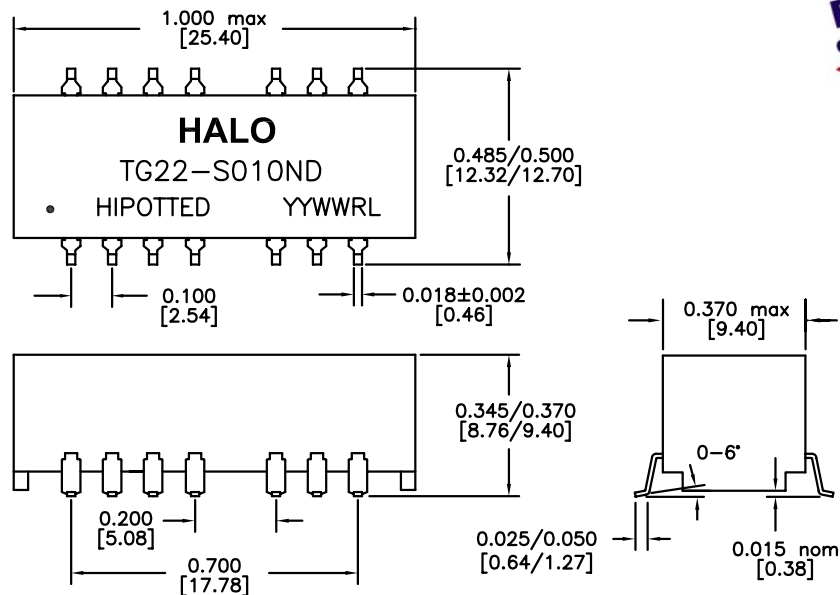
16PIN SMT ISOLATION MODULE FOR 10/100BASE-TX
IEEE802.3u APPLICATIONS

RoHS COMPLIANT

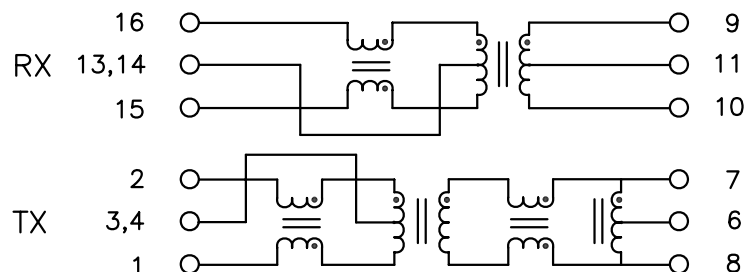
COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
CONDITION PER IPC/JEDEC J-STD-020C

UL/EN60950 AND DEMKO RECOGNIZED

OPERATING TEMPERATURE 0/+70°C



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



ELECTRICAL SPECIFICATIONS @25° C

TURN RATIO

TX P1-2:P8-7 1CT:1CT ±3%
RX P16-15:P9-10 1CT:1CT ±3%

ACL (100KHz,0.1Vrms,8mA) 350µH min

DCR P1-2,P16-15 1.2Ω max

LL (1MHz) 0.4µH max

Cw/w 20pF typ

INSERTION LOSS

0.1-100MHz -1.1dB max

RETURN LOSS

0.5-30MHz -18dB min
40MHz -15.5dB min
50MHz -13.6dB min
60-80MHz -12dB min

CROSSTALK 0.1-100MHz -40dB typ

CMR 0.1-100MHz -45dB typ

ISOLATION 1,500Vrms



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION MODULE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	10/100BASE-TX	DRAWN PETER LU	6/3/05	A	FIRST ISSUE	6/3/05
PART NO.	TG22-S010NDRL	CHECKED LEI KEONG	7/27/07	B	PROD. RELEASE	7/27/07
SCALE	NONE	APPROVED PETER LU	7/27/07			
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