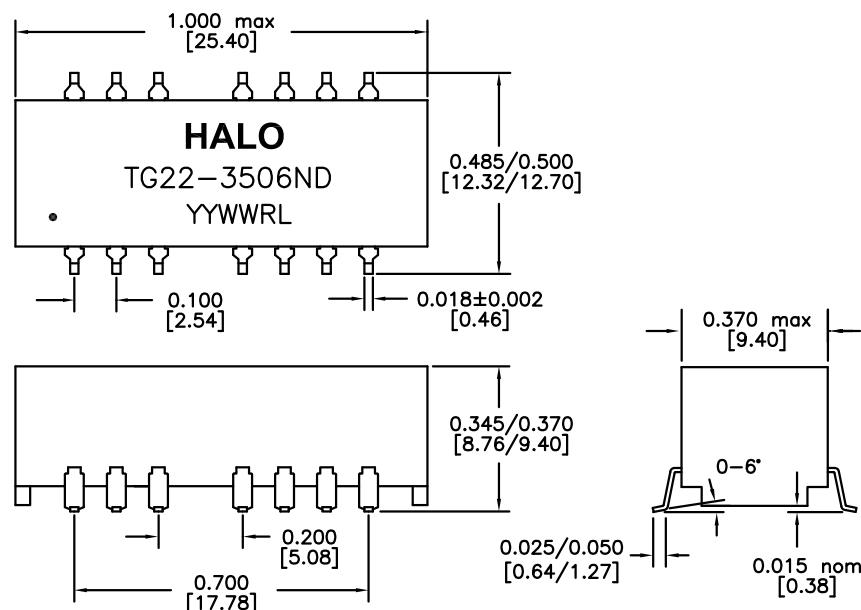
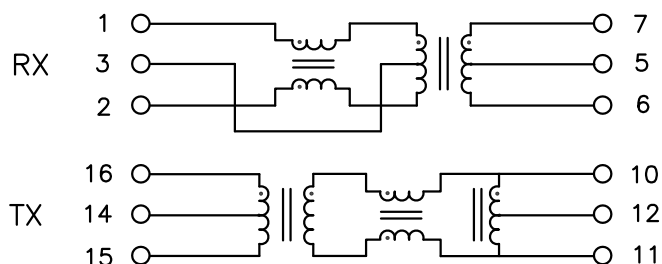




DIMENSIONS: Inch[mm]
CO-PLANARITY: 0.004[0.10]
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



PART NO. : TG22-3506NDRL

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

RoHS COMPLIANT

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

OPERATING TEMPERATURE 0/+70°C

ELECTRICAL SPECIFICATIONS @25°C

TURN RATIO

TX P16-15:P10-11 1CT:1CT ±3%
RX P1-2:P7-6 1CT:1CT ±3%

OCL (100KHz,0.1Vrms,8mA) 350µH min*

DCR P16-15,P7-6 0.9Ω max

LL (1MHz) 0.4µH max

Cw/w 15pF 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 -38dB min

CMR 0.1-100MHz -40dB typ

ISOLATION 1,500Vrms

* Minimum 320µH over -10/+70°C



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION MODULE

FOR 10/100BASE-TX

PART NO. TG22-3506NDRL

SCALE NONE

PAGE 1 OF 2

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE TG22NDRL.DWG

DATE

4/13/05

1/13/14

1/13/14

REV.

A

B

C

D

DESC.

FIRST ISSUE

UPDATE

PROD. RELEASE

ADD TEMP NOTE

DATE

4/13/05

10/24/05

5/19/06

1/13/14