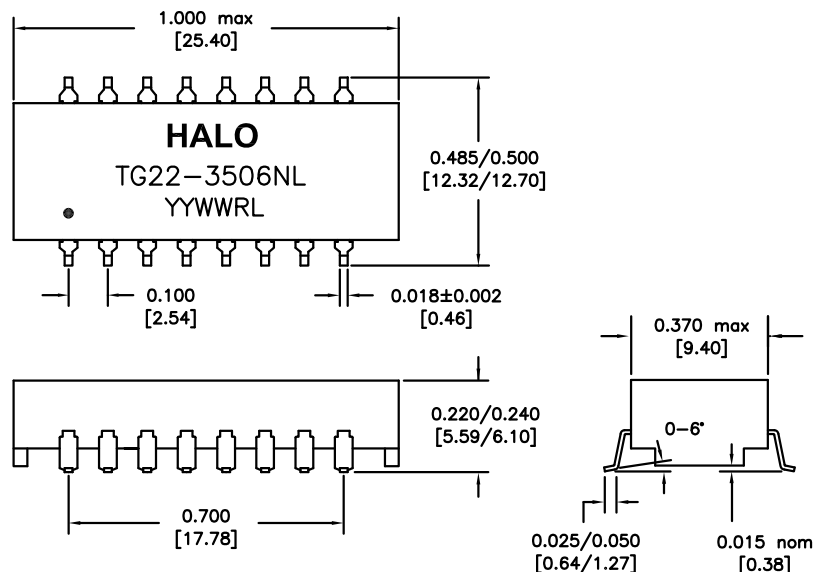
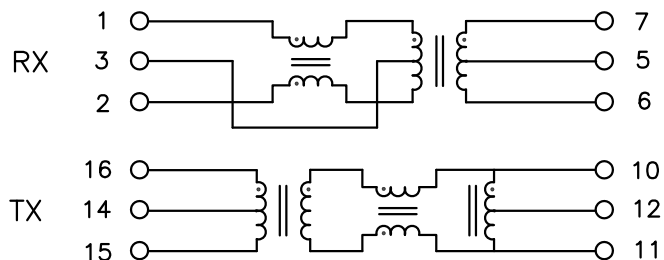




DIMENSIONS: Inch [mm]
CO-PLANARITY: 0.004 [0.10]
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



PART NO. : TG22-3506NLRL

16PIN SMT 10/100BASE-TX 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 P16-15:P10-11

1CT:1CT ±3%

RX P1-2:P7-6

1CT:1CT ±3%

OCL (100KHz,0.1Vrms,8mA)

350µH min

DCR

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

-10dB min

CROSSTALK 0.1-100MHz

-38dB typ

CMR 0.1-100MHz

-40dB typ

ISOLATION

1,500Vrms



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION MODULE

FOR FAST ETHERNET, IEEE802.3u

PART NO. TG22-3506NLRL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE TG22NLRL.DWG

DATE

10/10/05

1/28/14

1/28/14

REV.

A

B

DESC.

FIRST ISSUE

PROD. RELEASE

DATE

10/10/05

1/28/14