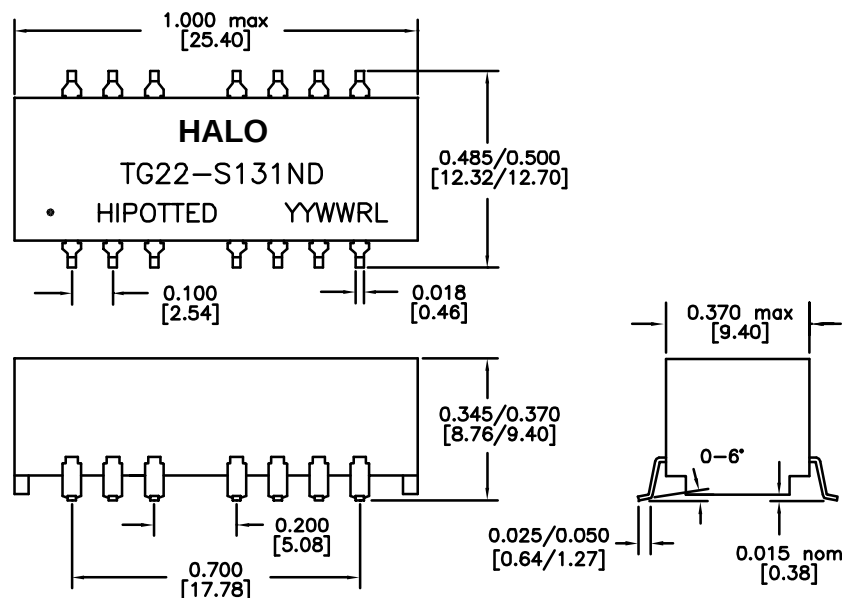
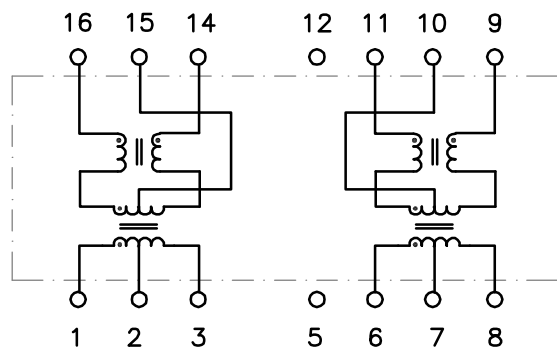




DIMENSIONS : Inch[mm]
CO-PLANARITY : 0.004[0.10]



PART NO. : TG22-S131NDRL

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

LEAD-FREE/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 P1-3:P16-14

1.41CT:1CT ±3%

RX P6-8:P11-9

1CT:1CT ±3%

OCL (100KHz,0.1Vrms,8mA)

P11-9,P16-14

350µH min

DCR P1-3,P6-8

0.9Ω max

LL P11-9,P16-14

0.4µH max

Cw/w

20pF typ

RISE TIME (10-90%)

2.5ns typ

CROSSTALK 0.1-100MHz

-38dB min

CMR 0.1-100MHz

-40dB typ

ISOLATION

1,500Vrms

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION MODULE

FOR FAST ETHERNET

PART NO. TG22-S131NDRL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE S131NDRL.DWG

DATE

2/17/05

REV.

B

DESC.

REV SND.OFF CLEARANCE

DATE

3/9/05