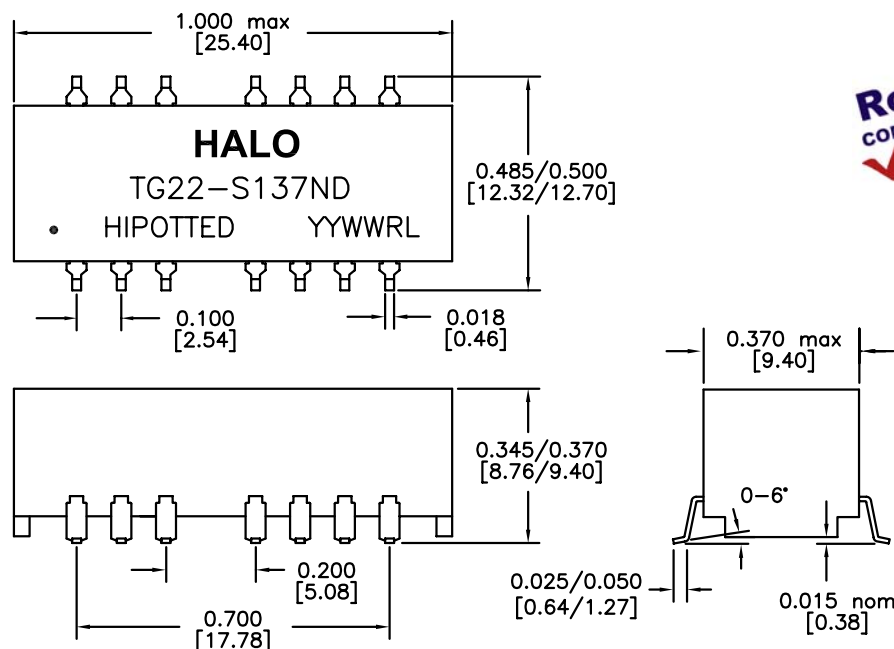
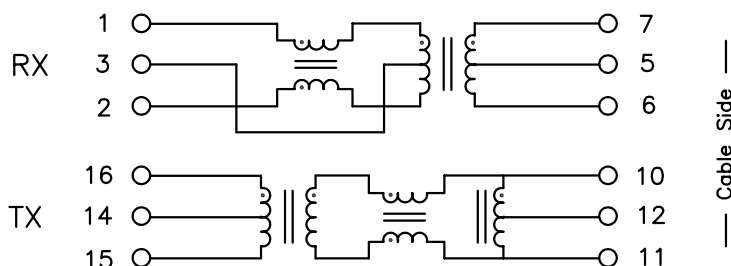




DIMENSIONS: Inch[mm]  
CO-PLANARITY: 0.004[0.10]  
TOLERANCES:  $\pm 0.005$  INCH IF NOT SPECIFIED



## PART NO. : TG22-S137NDRL

16PIN SURFACE MOUNT 10/100BASE-T ISOLATION  
MODULE WITH AUTO TRANSFORMER ON TRANSMIT  
CHANNEL FOR IMPROVED COMMON MODE TERMINATION

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

### URNS RATIO

TX P16-15:P10-11

1.25CT:1CT $\pm 3\%$

RX P1-2:P7-6

1CT:1CT $\pm 3\%$

OCL (100KHz,0.1Vrms,8mA)

Cable Side

350 $\mu$ H min

DCR

0.9 $\Omega$  max

LL P6-7,P10-11

0.35 $\mu$ H max

Cw/w

20pF 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-S137NDRL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE S137NDRL.DWG

DATE

11/18/05

REV.

A

DESC.

DATE