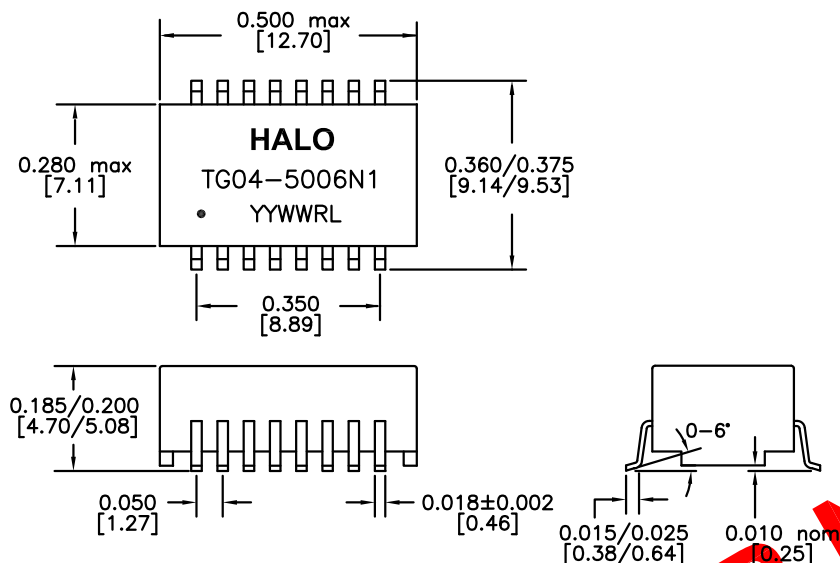
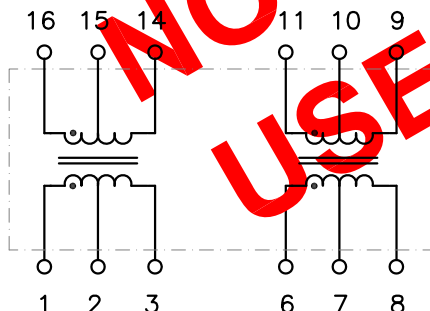




DIMENSIONS: Inch [mm]  
CO-PLANARITY: 0.004 [0.10]  
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



## PART NO. : TG04-5006N1RL

16PIN SMT ISOLATION MODULE  
DESIGNED TO MEET REQUIREMENTS OF  
10/100BASE-TX FAST ETHERNET

RoHS COMPLIANT

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

EXTENDED OPERATING TEMPERATURE -40/+85°C

## ELECTRICAL SPECIFICATIONS @25°C

### URNS RATIO

P1-3:P16-14 1CT:1CT ±3%  
P6-8:P11-9 1CT:1CT ±3%

OCL (100KHz,0.1Vrms) 500µH min

DCR P1-3,P6-8 0.9Ω max

LL P1-3,P6-8 0.4µH max

Cw/w 35pF max

ISOLATION 1,500Vrms



**HALO/PBL**

CALIFORNIA, USA  
KOWLOON, HONG KONG  
SINGAPORE

TITLE 16PIN ISOLATION MODULE

FOR FAST ETHERNET

PART NO. TG04-5006N1RL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 5006N1RL.DWG

DATE

3/31/06

8/5/13

8/5/13

REV.

A

B

C

D

DESC.

FIRST ISSUE

REV. OP. TEMP.

PROD. RELEASE

UPDATE MARKING

DATE

3/31/06

11/13/08

11/14/08

8/5/13