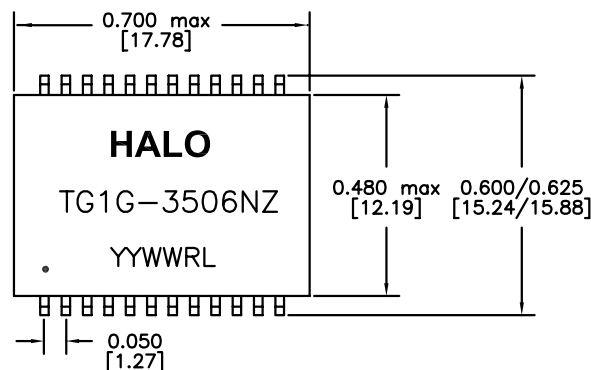




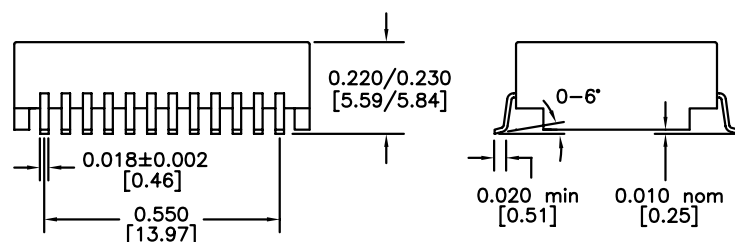
PART NO. : TG1G-3506NZRL

SMT ISOLATION MODULE FOR 1000BASE-T,
IEEE802.3ab APPLICATIONS

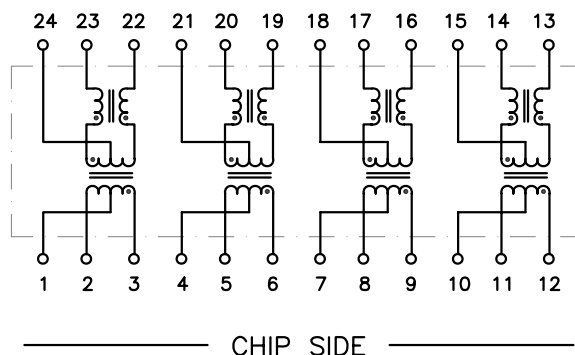
RoHS COMPLIANT

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

OPERATING TEMPERATURE 0/+70°C



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



ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO	1CT:1CT ±2%
OCL (100KHz,0.1Vrms,8mA)	350μH min
DCR (CHIP SIDE)	0.9Ω max
INSERTION LOSS	
1-100MHz	-1.1dB max
RETURN LOSS	
1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK	
1-100MHz	-40dB typ
CMR	
0.1-100MHz	-40dB typ
ISOLATION	1,500Vrms



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION MODULE

FOR 1000BASE-T

PART NO. TG1G-3506NZRL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 3506NZRL.DWG

DATE

7/1/05

8/31/10

8/31/10

REV.

A

B

DESC.

FIRST ISSUE

PROD. RELEASE

DATE

7/1/05

8/31/10