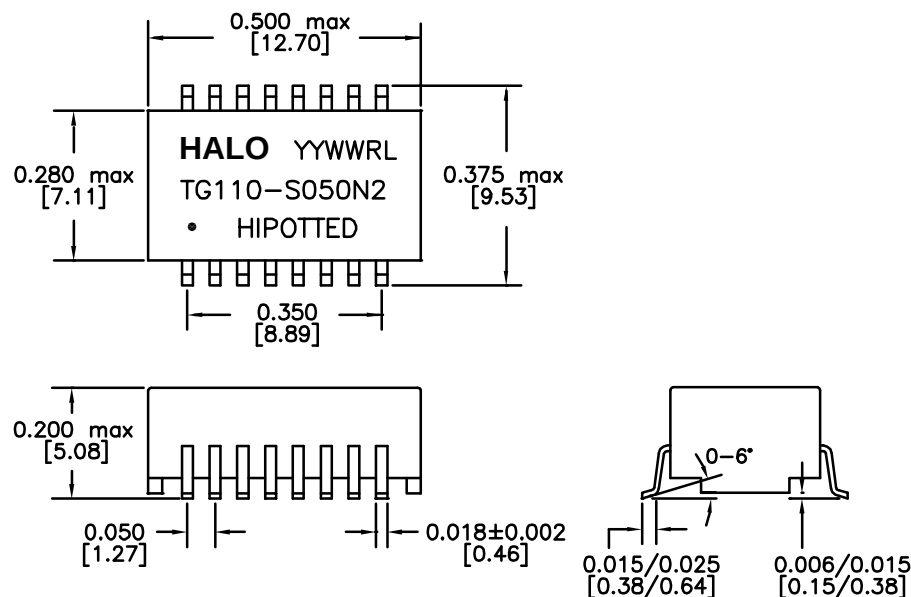
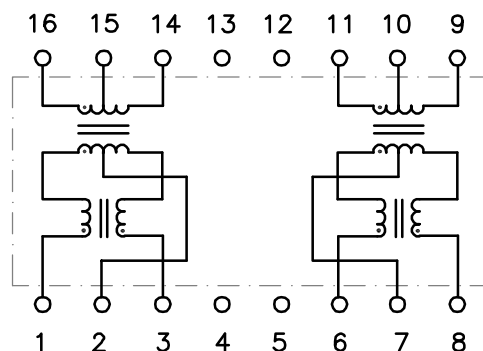




DIMENSIONS : Inch [mm]
CO-PLANARITY : 0.004 [0.10]



PART NO. : TG110-S050N2RL

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

LEAD-FREE/ROHS COMPLIANT

COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
WITH PEAK REFLOW TEMPERATURE UP TO 250°C

OPERATING TEMPERATURE 0/+70°C

ELECTRICAL SPECIFICATIONS @25° C

TURNS RATIO

P1-3:P16-14

1CT:1CT ±3%

P6-8:P11-9

1CT:1CT ±3%

ACL (100KHz,0.1Vrms,8mA)

P1-3,P6-8

350μH min

DCR P9-11,P14-16

0.9Ω max

LL P1-3,P6-8

0.4μH max

Cw/w

20pF max

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

-12dB min

CROSSTALK 0.1-100MHz

-40dB min

CMR 0.1-100MHz

-40dB typ

ISOLATION

1,500 Vrms

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE TRANSFORMER "ULTRA" SERIES

FOR FAST ETHERNET

PART NO. TG110-S050N2RL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE S050N2RL.DWG

DATE

4/15/04

REV.

A

DESC.

DATE