



PART NO. : TG08-1205N1RL

SMT 16PIN DUAL T1/E1 ISOLATION MODULE
LEAD-FREE/RoHS COMPLIANT

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

UL60950 RECOGNIZED

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

URNS RATIO

P1-3:P16-14

1CT:2CT ±2%

P6-8:P11-9

1CT:2CT ±2%

OCL P1-3,P6-8

1.2mH typ

DCR P1-3,P6-8

0.7Ω max

LL P1-3,P6-8

0.4μH max

Cw/w

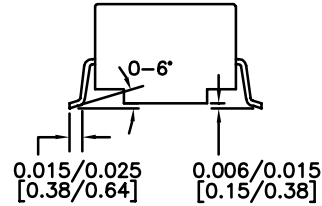
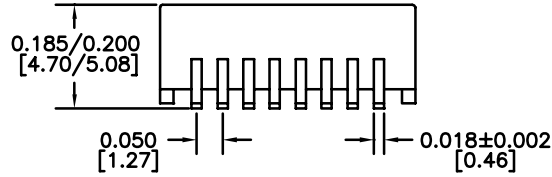
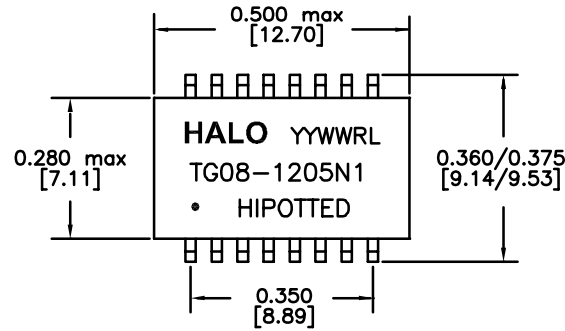
30pF max

CROSSTALK 0.5-5MHz

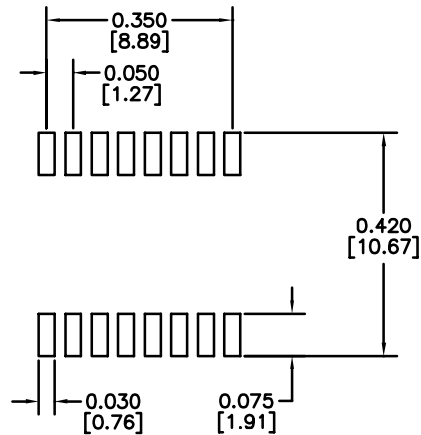
-60dB typ

ISOLATION

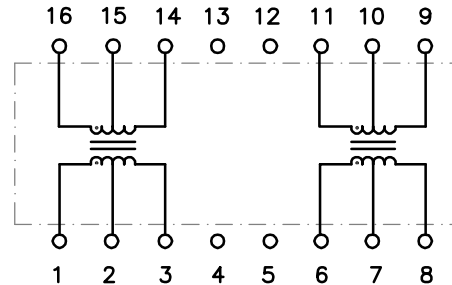
1,500Vrms



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



RECOMMENDED SOLDER PAD DIMENSIONS



HALO/PBL

TITLE ISOLATION TRANSFORMERS

FOR T1/E1

PART NO. TG08-1205N1RL

SCALE NONE

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SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE 1205N1RL.DWG

DATE

4/29/05

REV.

A

DESC.

DATE

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE