



PART NO. : TG37-1505NSRL

6PIN SMT T1/E1 ISOLATION TRANSFORMER

RoHS COMPLIANT

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

UL/EN60950 AND DEMKO RECOGNIZED

EXTENDED OPERATING TEMP. -40/+85°C

ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO

P1-3:P6-4

1:1.14CT ±3%

OCL P1-3

1.5mH typ

DCR P1-3

0.8Ω max

LL P1-3

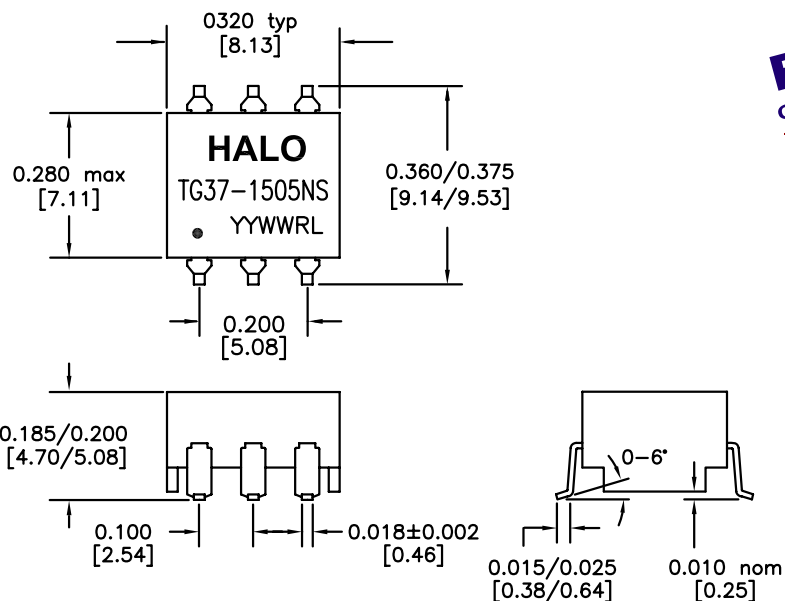
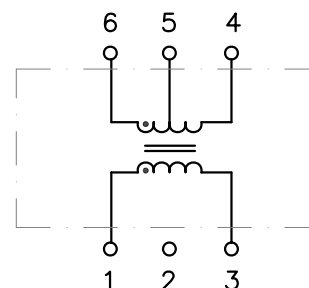
0.5μH max

Cw/w

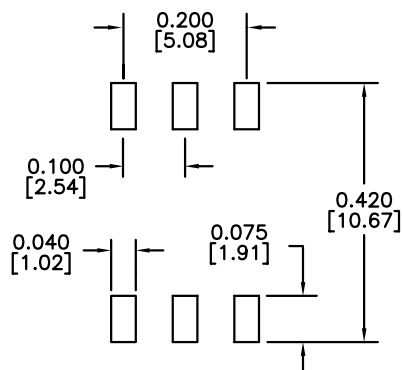
35pF max

ISOLATION

1,500Vrms



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



RECOMMENDED SOLDER PAD DIMENSIONS

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION TRANSFORMER

FOR T1/E1 (1:1.14CT)

PART NO. TG37-1505NSRL

SCALE NONE

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SIGNATURES

DRAWN PETER LU

CHECKED LEI KEONG

APPROVED PETER LU

FILE 1505NSRL.DWG

DATE

10/26/05

5/4/09

5/4/09

REV.

A

B

DESC.

FIRST ISSUE

PROD. RELEASE



DATE

10/26/05

5/4/09

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