



PART NO. : TGR01-7206NARL

6PIN SMT TRANSFORMER

DESIGNED FOR RS485 INTERFACE UP TO 25Mbaud

RoHS COMPLIANT

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

MEET UL60950 REINFORCED INSULATION
FOR WORKING VOLTAGE UP TO 300V

OPERATING TEMPERATURE $-55/+125^{\circ}\text{C}$

ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO

P1-3:P6-4

1CT:1CT $\pm 2\%$

ACL P1-P3

670 μH typ

DCR P1-P3

0.8 Ω max

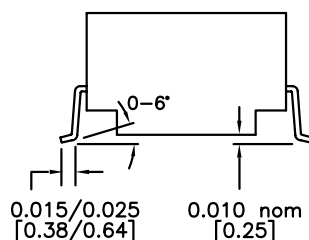
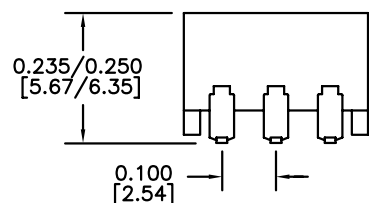
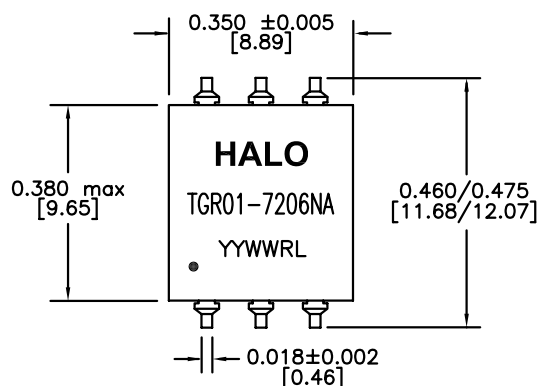
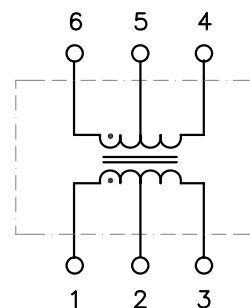
ET CONSTANT P1-P3

16.6V- μs ($-55/+85^{\circ}\text{C}$)

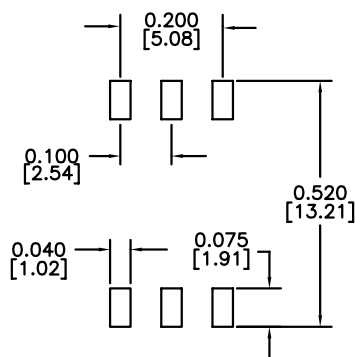
12V- μs ($+125^{\circ}\text{C}$)

ISOLATION

3,000Vrms



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



RECOMMENDED SOLDER PAD DIM

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION TRANSFORMER

FOR RS485

PART NO. TGR01-7206NARL

SCALE NONE

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SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 7206NARL.DWG

DATE

9/21/09

10/13/10

10/13/10

REV.

A

B

C

D

DESC.

FIRST ISSUE

ADD CT

PROD. RELEASE

REVISE OP. TEMP.

DATE

9/21/09

9/28/09

10/15/09

10/13/10

