



PART NO. : TGR01-7206V6LF

6PIN SMT TRANSFORMER

DESIGNED FOR RS485 INTERFACE UP TO 25MBaud

LEAD-FREE/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 $\pm 2\%$

OCL P1-P3

670 μH typ

DCR P1-P3

0.8 Ω max

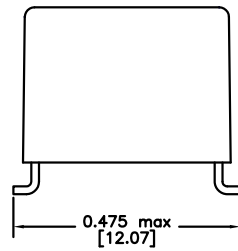
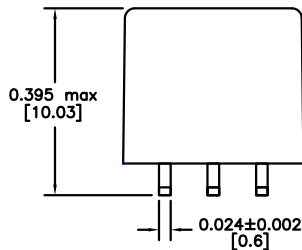
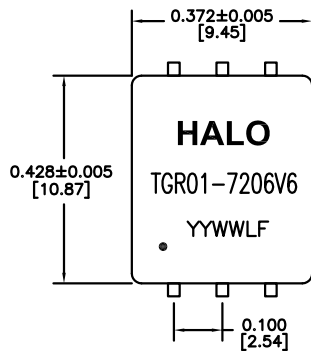
ET CONSTANT P1-P3

16.6V- μs ($-55/+85^{\circ}\text{C}$)

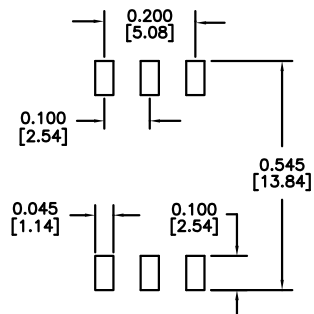
12V- μs ($+125^{\circ}\text{C}$)

ISOLATION

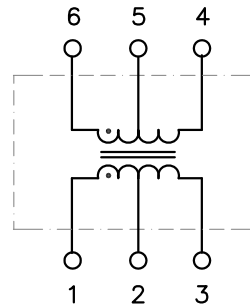
3,000Vrms



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. TGR01-7206V6LF

SCALE NONE PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 7206V6LF.DWG

DATE

10/8/13

5/4/15

5/4/15

REV.

A

B

C

DESC.

FIRST ISSUE

CORRECT TYPO

PROD. RELEASE

DATE

10/8/13

10/14/13

5/4/15

