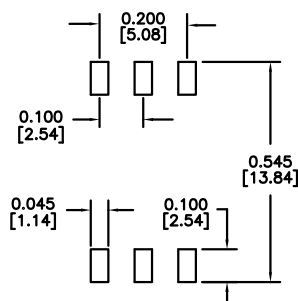
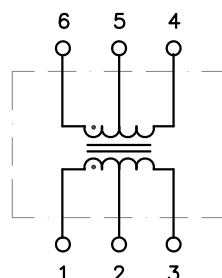


DIMENSIONS: Inch [mm]  
CO-PLANARITY: 0.004 [0.10]  
TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



RECOMMENDED SOLDER PAD DIM



## PART NUMBER: TGR04-6506V6LF

SMD ISOLATION TRANSFORMER

COMPATIBLE TO AUTOMOTIVE VERSION –  
TGR04-A6506NA6NL

LEAD-FREE/RoHS COMPLIANT

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

UL60950 REINFORCED INSULATION FOR  
WORKING VOLTAGE UP TO 300V

OPERATING TEMPERATURE -40/+125°C

## ELECTRICAL SPECIFICATIONS @25°C

URNS RATIO

P1-3:P6-4

1CT:1CT ±2%

OCL P1-3 (-40/+125°C)

150µH min

DCR P1-3

0.8Ω max

Cw/w

25pF max

LL P1-3

0.6µH max

ISOLATION

3,000Vrms



**HALO/PBL**

CALIFORNIA, USA  
KOWLOON, HONG KONG  
SINGAPORE

TITLE ISOLATION TRANSFORMER

FOR BMS

PART NO. TGR04-6506V6LF

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE TGR04-6506V6LF.DWG

DATE

3/25/13

4/7/16

4/7/16

REV.

A

B

C

D

DESC.

FIRST ISSUE

REV. P/N – NL

UPDATE SPEC.

PROD. RELEASE

DATE

3/25/13

5/21/13

4/5/16

4/7/16

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