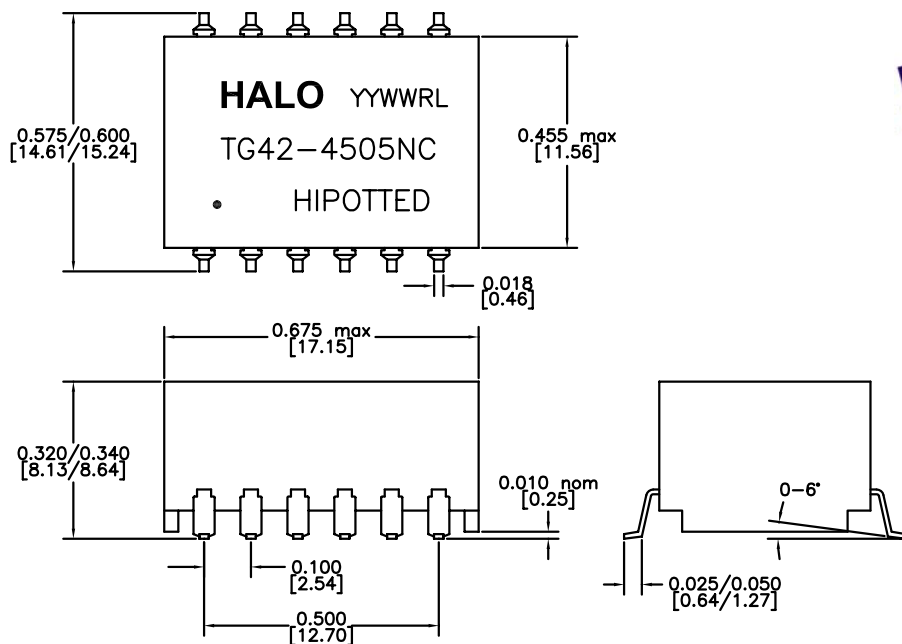
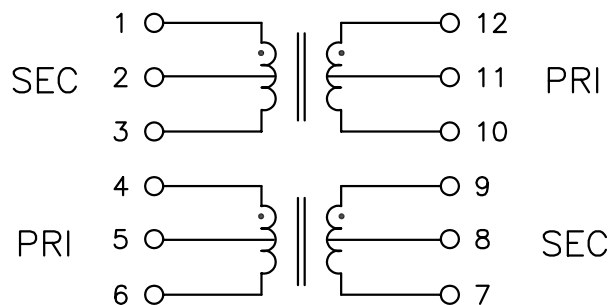




DIMENSIONS: Inch [mm]
CO-PLANARITY: 0.004 [0.10]
TOLERANCES: ± 0.005 INCH IF NOT SPECIFIED



PART NO. : TG42-4505NCRL

T1/E1 TRANSFORMER MODULE
12PIN SURFACE MOUNT PACKAGE
LEAD-FREE/RoHS COMPLIANT
COMPATIBLE TO LEAD-FREE SOLDERING PROCESS
CONDITION PER IPC/JEDEC J-STD-020C
REINFORCED INSULATION, 4.5KV
EXTENDED OPERATING TEMPERATURE $-40/+85^{\circ}\text{C}$

ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO
P12-10:P1-3 1CT:1.41CT $\pm 2\%$
P4-6:P9-7 1CT:1.41CT $\pm 2\%$
OCL (PRI) 1.5mH typ
DCR (PRI) 0.9 Ω max
Cw/w 35pF max
LL (PRI) 0.8 μH max
CROSSTALK 0.5-5MHz -60dB typ
ISOLATION 4,500Vrms

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE ISOLATION TRANSFORMER

FOR T1/E1 (1CT:1.41CT)

PART NO. TG42-4505NCRL

SCALE NONE PAGE 1 OF 1

SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE 4505NCRL.DWG

DATE

8/31/05

REV.

A

DESC.

DATE