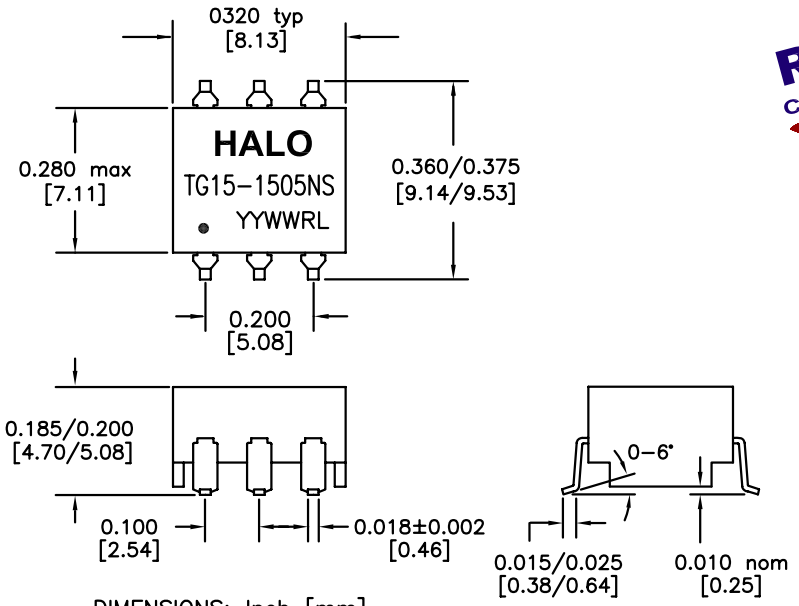
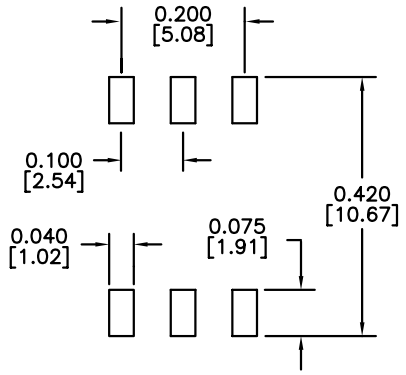
US PATENT NO. 5,656,985 6,297,720B1 6,297,721B1
6,320,489B1 6,344,785B1 6,662,431B1



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



RECOMMENDED SOLDER PAD DIMENSIONS

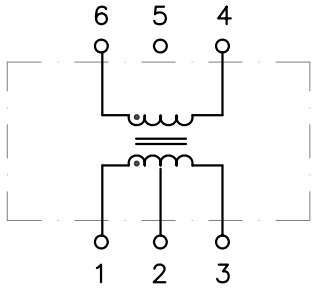
RoHS COMPLIANT

PART NO. : TG15-1505NSRL

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

TURNS RATIO P1-3:P6-4	2CT:1 ±3%
OCL P6-4	1.5mH typ
DCR P6-4	0.8Ω max
LL P6-4	0.5μH max
Cw/w	35pF max
ISOLATION	1,500Vrms



cULus

HALO/PBL
CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION TRANSFORMER
FOR	T1/E1 (2CT:1)
PART NO.	TG15-1505NSRL
SCALE	NONE
PAGE	1 OF 1

SIGNATURES		DATE	REV.	DESC.	DATE
DRAWN	PETER LU	6/21/07	A	FIRST ISSUE	6/21/07
CHECKED	LEI KEONG	5/4/09	B	PROD. RELEASE	5/4/09
APPROVED	PETER LU	5/4/09			
FILE	1505NSRL.DWG				