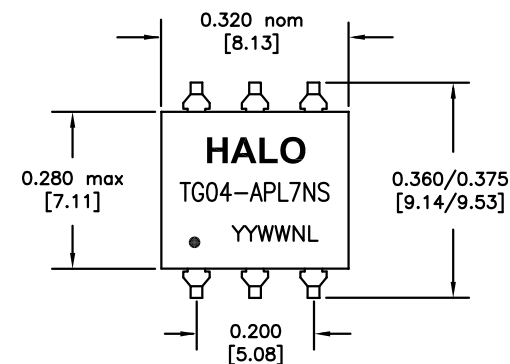
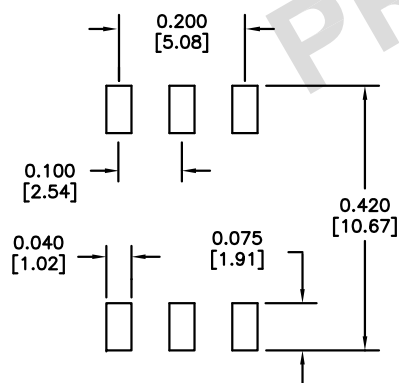


DIMENSIONS: Inch[mm]
CO-PLANARITY: 0.004[0.10]
TOLERANCES: ± 0.005 INCH IF NOT SPECIFIED



RECOMMENDED SOLDER PAD DIMENSIONS

PART NO. : TG04-APL7NSNL

6PIN SMT ISOLATION TRANSFORMER

LEAD-FREE/RoHS COMPLIANT

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

UL/EN62368 RECOGNIZED

AEC-Q200 PENDING

EXTENDED OPERATING TEMPERATURE $-40/+125^{\circ}\text{C}$

ELECTRICAL SPECIFICATIONS @ 25°C

URNS RATIO

P1-3:P6-4

1CT:1CT $\pm 3\%$

OCL (100KHz,50mV)

140 μH nom

DCR

0.5 Ω max

Cw/w

15pF max

LL

0.3 μH max

INSERTION LOSS

1-30MHz, @50 Ω

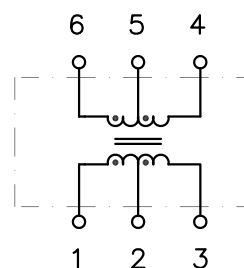
-1dB max

50MHz, @50 Ω

-1.5dB max

ISOLATION

1500Vrms



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	ISOLATION TRANSFORMER	
FOR	POWER LINE COMMUNICATION	
PART NO.	TG04-APL7NSNL	
SCALE	NONE	PAGE 1 OF 1

SIGNATURES	DATE	REV.	DESC.	DATE
DRAWN LI ZHI ZHONG	10/30/22	A	FIRST ISSUE	10/30/22
CHECKED VINCE ZHANG	10/30/22			
APPROVED PETER LU	10/30/22			
FILE TG04-APL7NSNL.DWG				