



PART NO. : TGSP-P145EP10LF

SMT POWER TRANSFORMER (EP10)

DESIGNED FOR FLYBACK CONVERTER

LEAD-FREE/RoHS COMPLIANT

UL/EN60950 AND DEMKO RECOGNIZED

OPERATING TEMPERATURE -40/+85°C

ELECTRICAL SPECIFICATIONS @ 25°C

URNS RATIO

P1-4:P5-8

1:0.789

INDUCTANCE P1-4

(100KHz,0.1V,0Adc)

22.7μH ±10%

LL P1-4

0.4μH max

DCR

P1-4

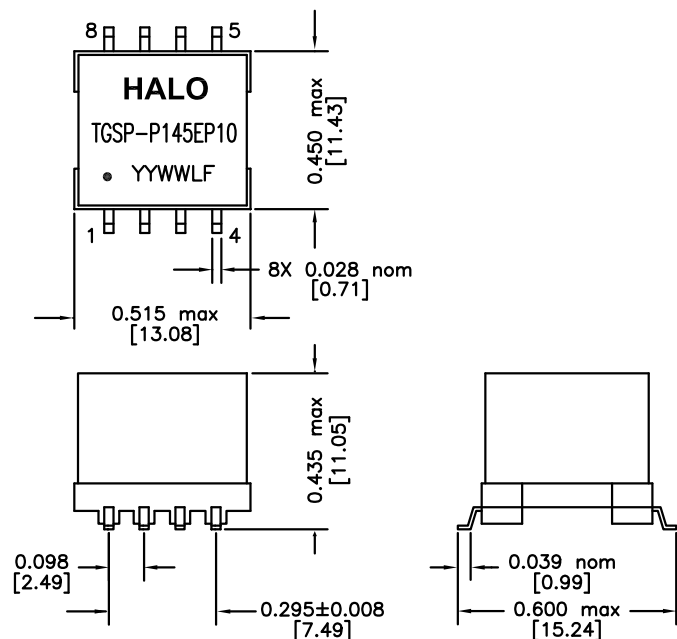
100mΩ max

P5-8

90mΩ max

HI-POT

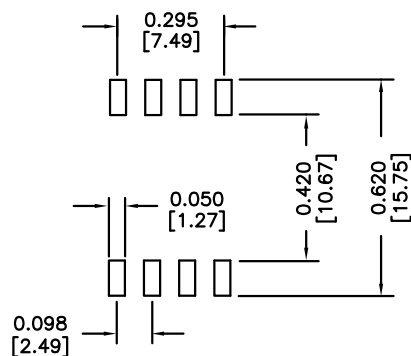
1500VAC/60s



DIMENSIONS: Inch [mm]

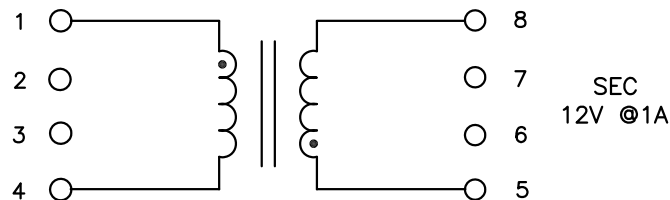
CO-PLANARITY: 0.004 [0.10]

TOLERANCES: ±0.005 INCH IF NOT SPECIFIED



RECOMMENDED SOLDER PAD DIMENSIONS

PRI
17-36V
500kHz



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE POWER TRANSFORMER
FOR FLYBACK CONVERTER, 12W
PART NO. TGSP-P145EP10LF

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SIGNATURES	DATE	REV.	DESC.	DATE
DRAWN LI ZHI ZHONG	10/19/15	A	FIRST ISSUE	10/19/15
CHECKED LEI KEONG	11/3/15	B	PROD. RELEASE	11/3/15
APPROVED PETER LU	11/3/15			
FILE P145EP10LF.DWG				



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