

HR641202E

Electrical Specification @25°C

RoHS Compliant (Pb Free)

Operating Temperature Range: -40°C ~ +85°C

Isolation: 4500Vrms 1mA 60sec (Primary to Secondary)

OCL: 200uH Minimum @100KHz 100mV with 8mADC

Insertion Loss: -2.5dB Maximum @300KHz ~ 100MHz

Return Loss: -10dB Minimum @1MHz ~ 30MHz / -7dB Minimum @30MHz ~ 60MHz

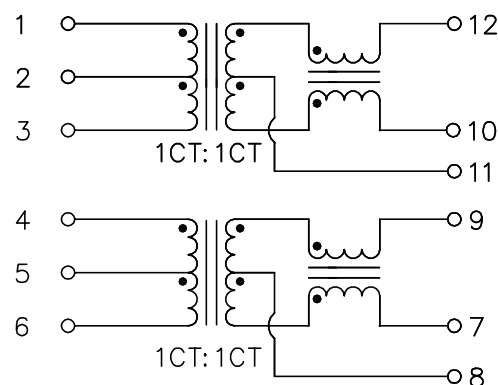
-5dB Minimum @60MHz ~ 80MHz / -3.5dB Minimum @80MHz ~ 100MHz

Common Mode Rejection: -30dB Minimum @1MHz ~ 100MHz

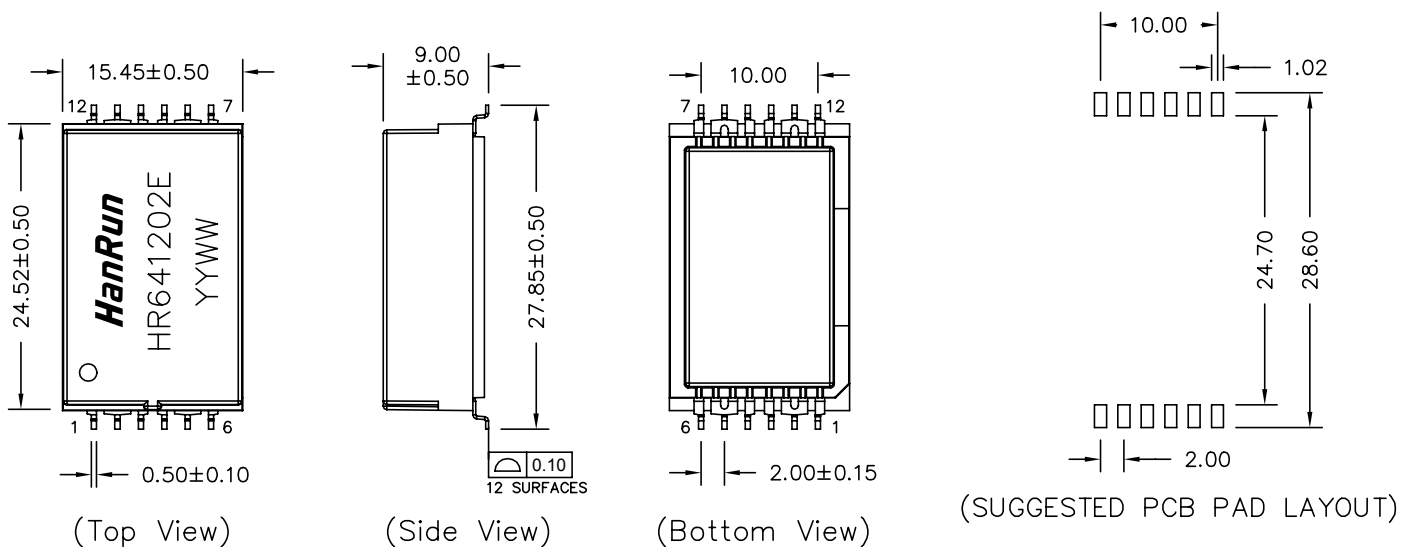
Crosstalk: -30dB Minimum @1MHz ~ 100MHz

creepage and clearance: 15mm Min.

Schematics



Mechanical Dimensions



Dimensions in mm

Unless otherwise specified, Tol.: .xx ±0.25

REV.: 00

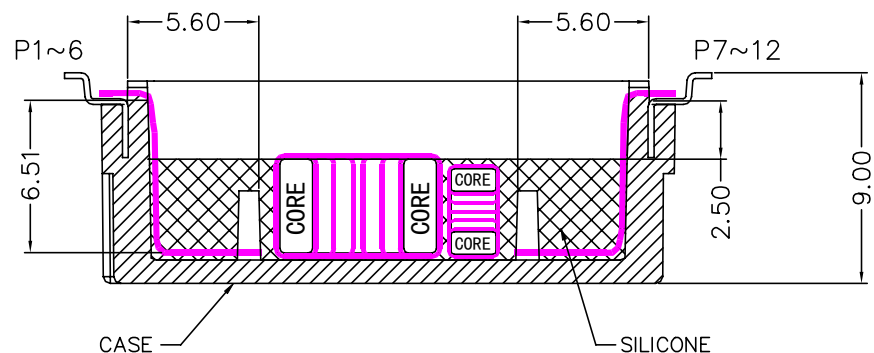
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Material List:

No.	ITEM	MATERIAL GENERIC NAME	TRADE NAME	MANUFACTURES OF MATERIAL	TEMP/FLAME CLASS	UL NO.	CTI
1.	BASE	DAP	WH-9100	HANRUN ELECTRONICS CO LTD	V-0	E150608	0
2.	CORE	FEERRITE CORE	2H4G	TOMITA ELECTRIC CO., LTD.	—	—	—
3.	CMC CORE	FEERRITE CORE	3N7	TOMITA ELECTRIC CO., LTD.	—	—	—
4.	WIRE	INSULATION WIRE	E&B-010H-3*	E&B TECHNOLOGY CO LTD	180°C	E315265	—
5.	SILICONE	SILICONE	TSE3331K	MOMENTIVE PERFORMANCE MATERIALS JAPAN L L C	V-0	E56745	0

Transformer Construction and Winding



NOTE:



CASE



SILICONE



Fully insulated winding wire