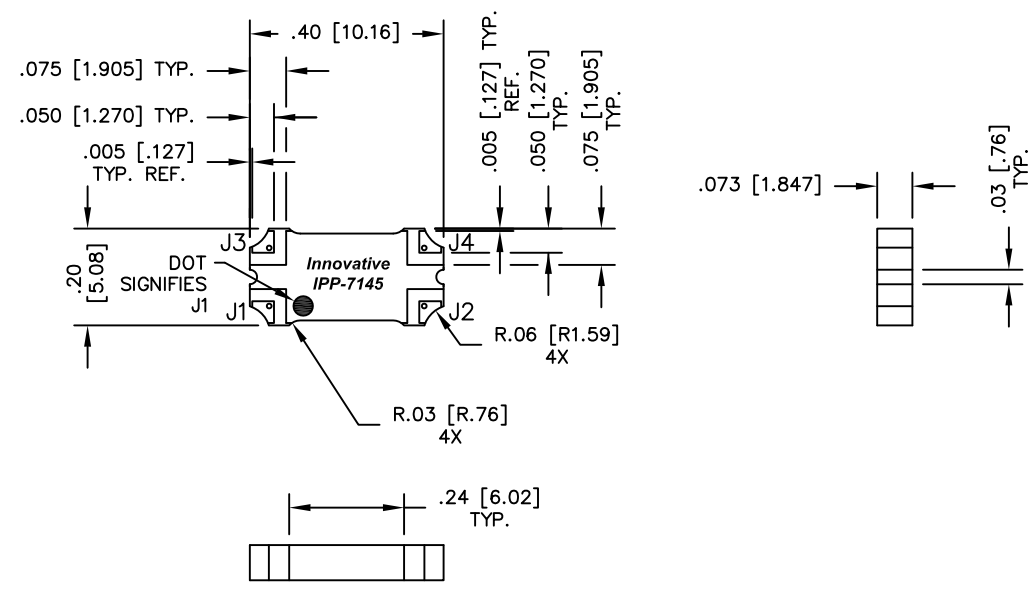


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
6154	A	INITIAL RELEASE	DG	4-16
6408	B	SEE DAR	TJD	9-16



FINISH	
P/N	TYPE
IPP-7145	TIN/LEAD
IPP-7145RT	RoHS MATTE TIN

- NOTES:**
- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - PARTS WITH RoHS MATTE TIN FINISH ARE RoHS COMPLIANT.
 - AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 7500 – 10500 MHz.
 INSERTION LOSS: <0.3dB
 VSWR: <1.35:1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±0.5dB
 PHASE BALANCE: ±6°
 POWER: 120 WATT
 TEMPERATURE: -55°C TO 85°C

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG
J2	ISOLATION	---	-3dB<-90 DEG	-3dB<0 DEG
J3	-3dB<0 DEG	-3dB<-90 DEG	---	ISOLATION
J4	-3dB<-90 DEG	-3dB<0 DEG	ISOLATION	---

MATERIAL	DWN S.Cornell	DATE 2-10-16	Innovative Power Products			
FINISH	ENG DG	DATE 2-16				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 7500 - 10500 MHz. 120W			
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7145*	REV. B
.XX ±.02 [.50]						
.XXX ±.010 [.254]						
ANG. ±1/2°						