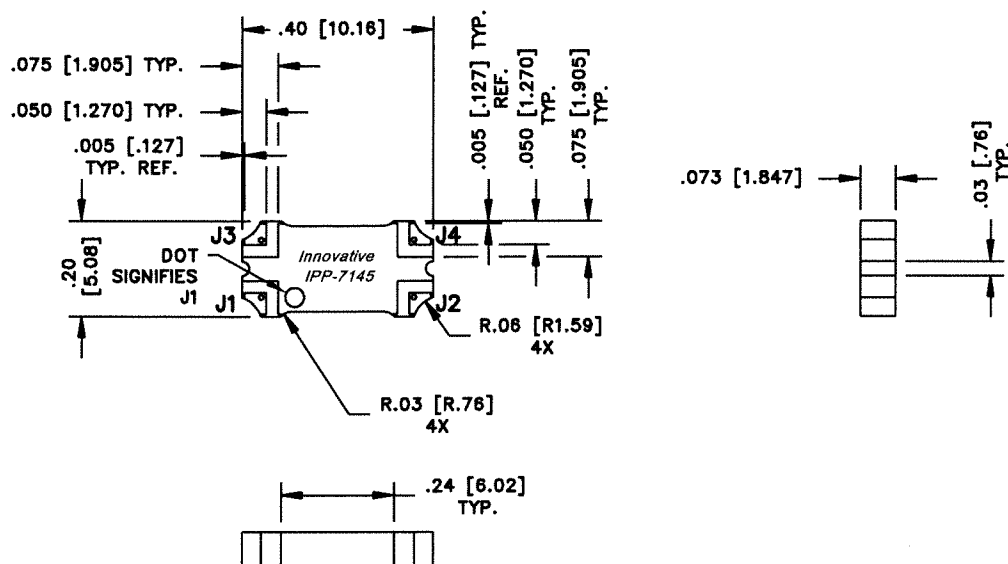


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

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



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN FINISH ARE RoHS COMPLIANT.
3. 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

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

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 <i>Power</i> 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]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF 1 1	SCALE 4:1	SIZE P/N B IPP-7145*
				REV. B