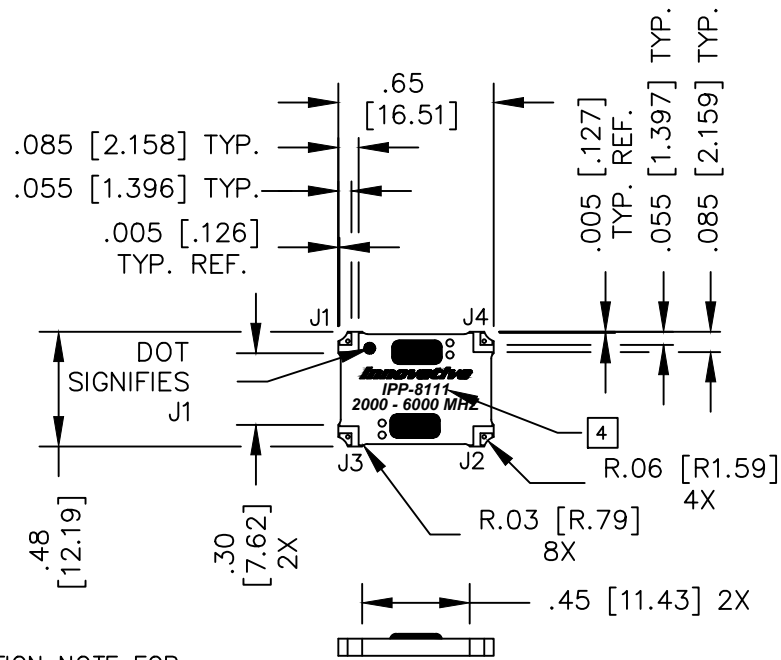


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
8818	A	INITIAL RELEASE	DG	11-21
8979	B	SEE DAR	DG	6-22



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.
4. SEE CHART FOR PART NUMBER AND FINISH.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1340. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.
6. DO NOT EXCEED 220°C WHEN INSTALLING COUPLER.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	2000 - 6000 MHz.
INSERTION LOSS:	<0.35 dB
MAIN LINE VSWR:	<1.35:1
DIRECTIVITY:	>17dB
COUPLING:	20.0±1.5dB
COUPLED FLATNESS:	±2.0dB
POWER:	150 WATT
TEMPERATURE:	-55°C TO 85°C

FINISH	
P/N	TYPE
IPP-8111	TIN/LEAD
IPP-8111RT	RoHS MATTE TIN

PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4
J2	J1	J4	J3

MATERIAL	DWN S.Cornell	DATE 11-2-21	Innovative Power Products			
FINISH	ENG DG	DATE 11-21				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, DDC, 2000 - 6000 MHz. 150W			
IN [MM]	.XX ±.02 [.50]	SHEET OF 1 1	SCALE 2:1	SIZE B	P/N IPP-8111	REV. B
	.XXX ±.010 [.254]					
	ANG. ±1/2°					