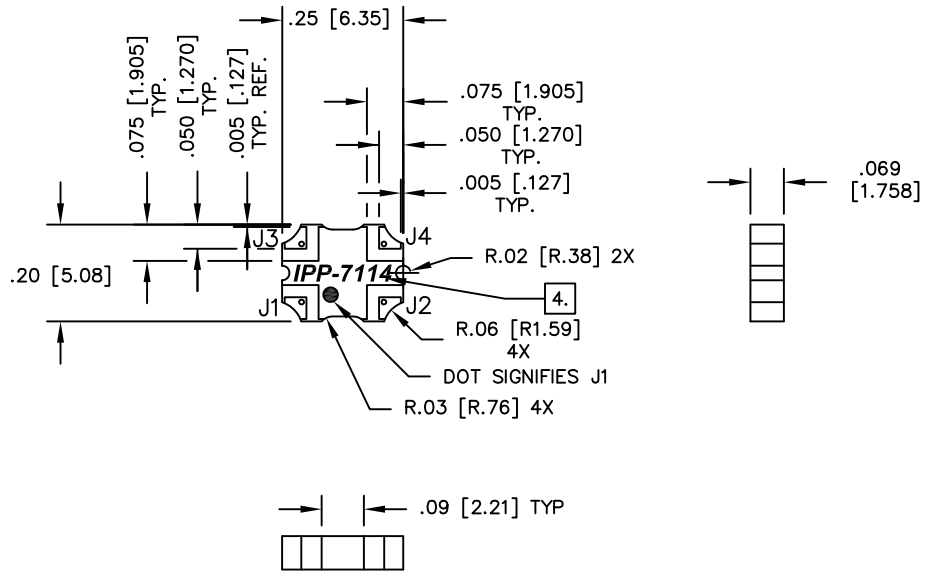


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4044	A	INITIAL RELEASE	DG	12-12
7074	B	SEE DAR	DG	3-18



**NOTES:**

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 6000 – 12000 MHz.  
 INSERTION LOSS: <0.45 dB  
 VSWR: <1.35: 1  
 ISOLATION: >16dB  
 AMPLITUDE BALANCE: ±0.70dB  
 PHASE BALANCE: ±6°  
 POWER: 50 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7114	TIN/LEAD
IPP-7114RT	RoHS MATTE TIN
IPP-7114RG	RoHS NICKEL GOLD

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 11-30-12	<b>Innovative Power Products</b>		
FINISH	ENG DG	DATE 12-12			
SEE FINISH CHART		MANUF	DATE	TITLE OUTLINE	
TOLERANCE		CAGE CODE: 437R2		SMD COUPLER, 90°, 6000 - 12000 MHz. 50W	
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7114*
				REV. B	