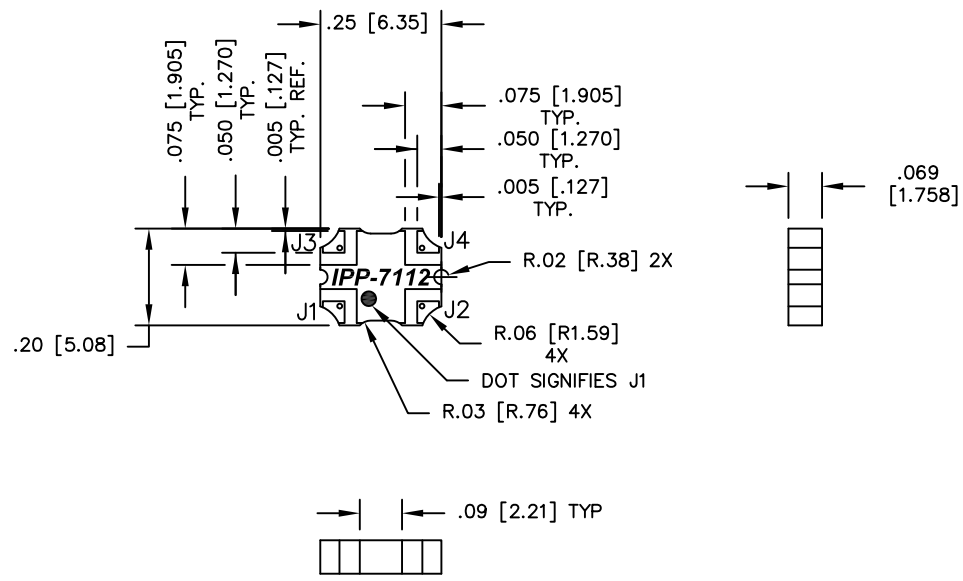


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4042	A	INITIAL RELEASE	DG	12-12
5930	B	SEE DAR	TJD	12-15



- NOTES:**
1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
 3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

FINISH	
P/N	TYPE
IPP-7112	TIN/LEAD
IPP-7112RT	RoHS MATTE TIN
IPP-7112RG	RoHS NICKEL GOLD

ELECTRICAL SPECIFICATIONS

FREQUENCY: 8000 – 12000 MHz.
 INSERTION LOSS: <0.30 dB
 VSWR: <1.35: 1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±0.55dB
 PHASE BALANCE: ±6°
 POWER: 50 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 10-22-12	Innovative Power Products		
FINISH	ENG DG	DATE 10-12			
SEE FINISH CHART		MANUF	DATE	TITLE	OUTLINE
TOLERANCE		CAGE CODE: 437R2		SMD COUPLER, 90°, 8000 - 12000 MHz. 50W	
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1	OF 1	SCALE 4:1	SIZE B
				P/N	IPP-7112*
				REV.	B