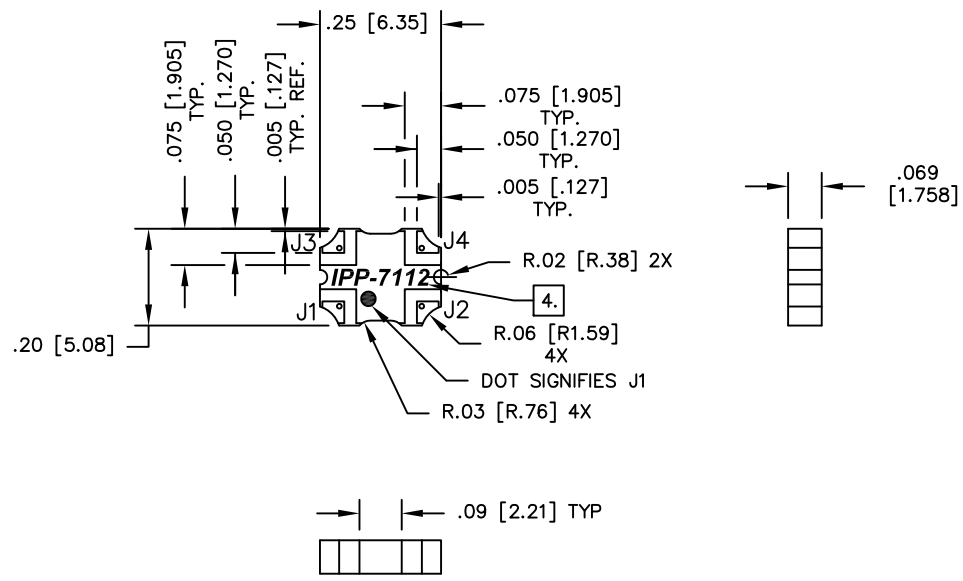


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4042	A	INITIAL RELEASE	DG	12-12
5930	B	SEE DAR	TJD	12-15
7088	C	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.

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.	C