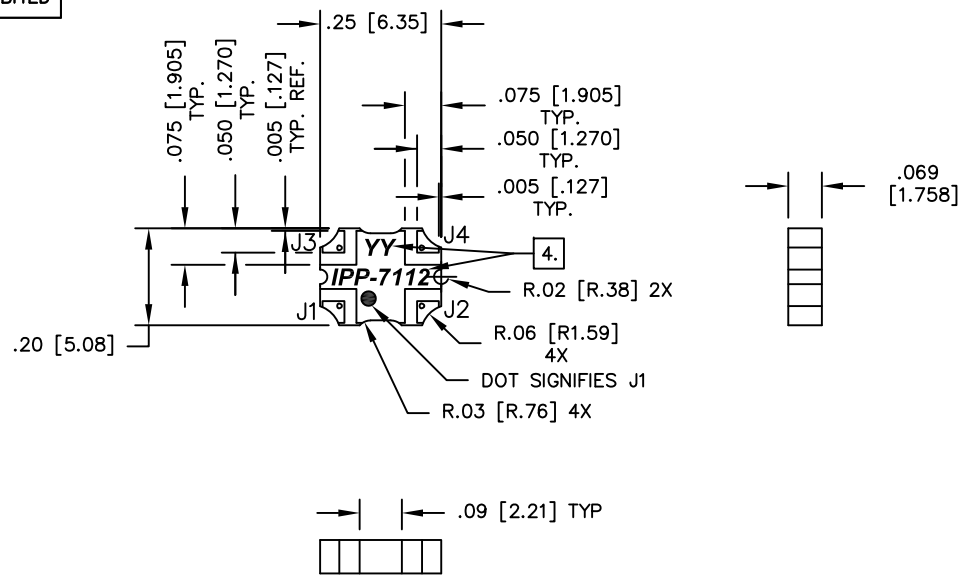


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5930	B	SEE DAR	TJD	12-15
7088	C	SEE DAR	DG	3-18
8889	D	SEE DAR	DG	1-22



- 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, FINISH AND MARKING.
  - DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1217. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

**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

4.	FINISH		
	P/N	TYPE	MARKING AT "YY"
	IPP-7112	TIN/LEAD	NONE
	IPP-7112RT	RoHS MATTE TIN	RT
	IPP-7112RG	RoHS NICKEL GOLD	RG

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			
	ENG DG	DATE 10-12			
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE		
	CAGE CODE: 437R2		SMD COUPLER, 90°, 8000 - 12000 MHz. 50W		
TOLERANCE	SHEET OF 1 1		SCALE	SIZE	P/N
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		4:1	B	IPP-7112*
					REV. D