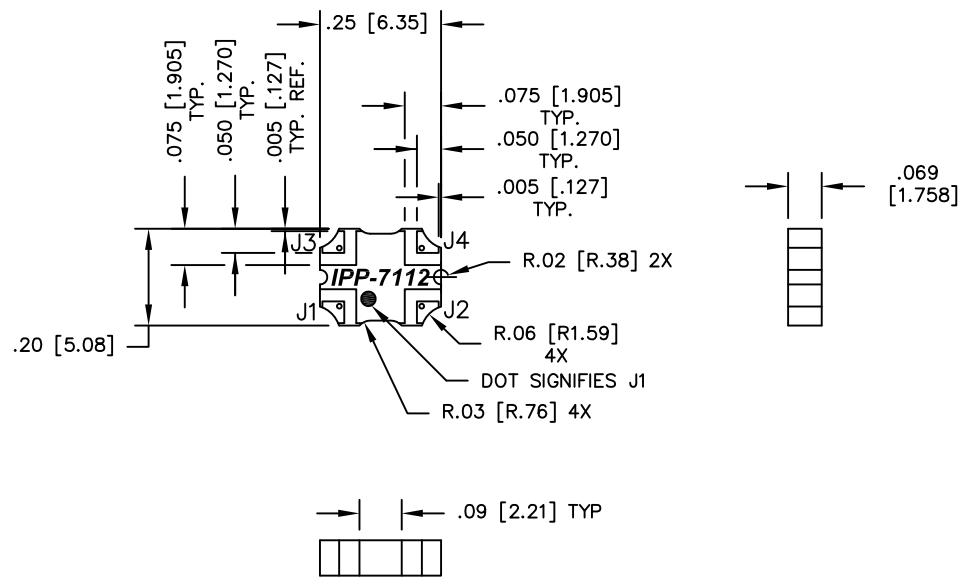


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4042	A	INITIAL RELEASE	DG	12-12



- 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.

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: <0.45 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	<b>Innovative Power Products</b>			
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]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7112*	REV. A
.XX ±.02 [.50]						
.XXX ±.010 [.254]						
ANG. ±1/2°						