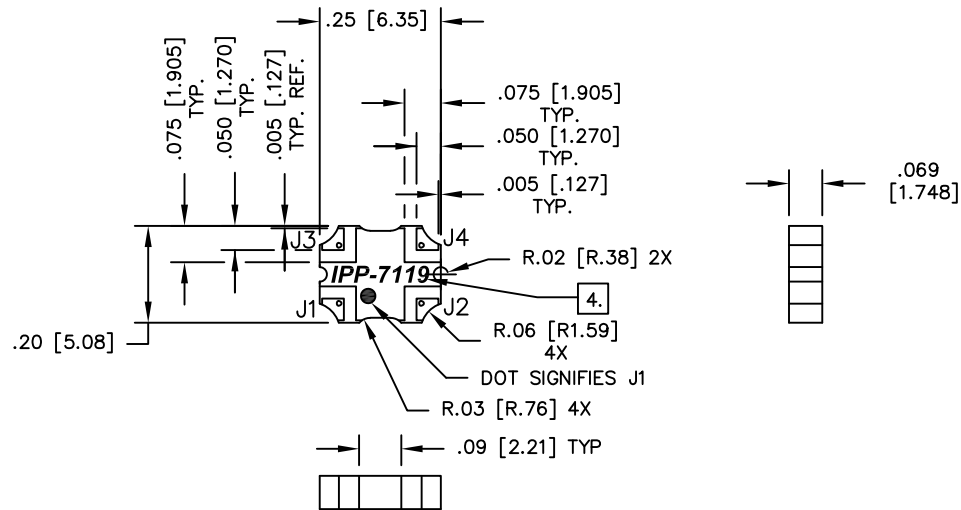


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
8809	A	INITIAL RELEASE	DG	10-21



NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS AND REACH COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1217. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 9000 – 10000 MHz.
 INSERTION LOSS: <0.28 dB
 VSWR: <1.35:1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±0.50dB
 PHASE BALANCE: ±6°
 POWER: 50 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH		
P/N	TYPE	COMPLIANCE
IPP-7119	TIN/LEAD	---
IPP-7119RG	NICKEL GOLD	RoHS & REACH
IPP-7119RT	MATTE TIN	RoHS & REACH

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 2-28-13	Innovative Power Products			
FINISH	ENG DG	DATE 2-13				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 9000 - 10000 MHz. 50W			
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7119*	REV. A
.XX ±.02 [.50]						
.XXX ±.010 [.254]						
ANG. ±1/2°						