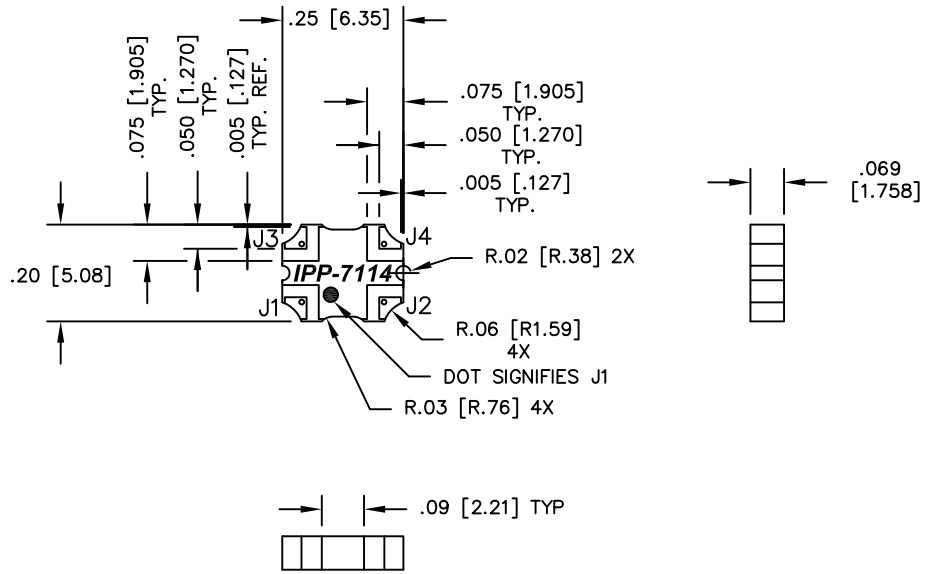


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4044	A	INITIAL RELEASE	DG	12-12



- 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.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 6000 – 12000 MHz.
 INSERTION LOSS: <0.45 dB
 VSWR: <1.35: 1
 ISOLATION: >16dB
 AMPLITUDE BALANCE: ±0.70dB
 PHASE BALANCE: ±6°
 POWER: 50 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7114	TIN/LEAD
IPP-7114RT	RoHS MATTE TIN
IPP-7114RG	RoHS NICKEL GOLD

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 11-30-12			
FINISH	ENG DG	DATE 12-12			
SEE FINISH CHART		MANUF	DATE	TITLE	
TOLERANCE		CAGE CODE: 437R2		OUTLINE	
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1	OF 1	SCALE 4:1	TITLE SMD COUPLER, 90°, 6000 - 12000 MHz. 50W
		SIZE B	P/N	IPP-7114*	REV. A