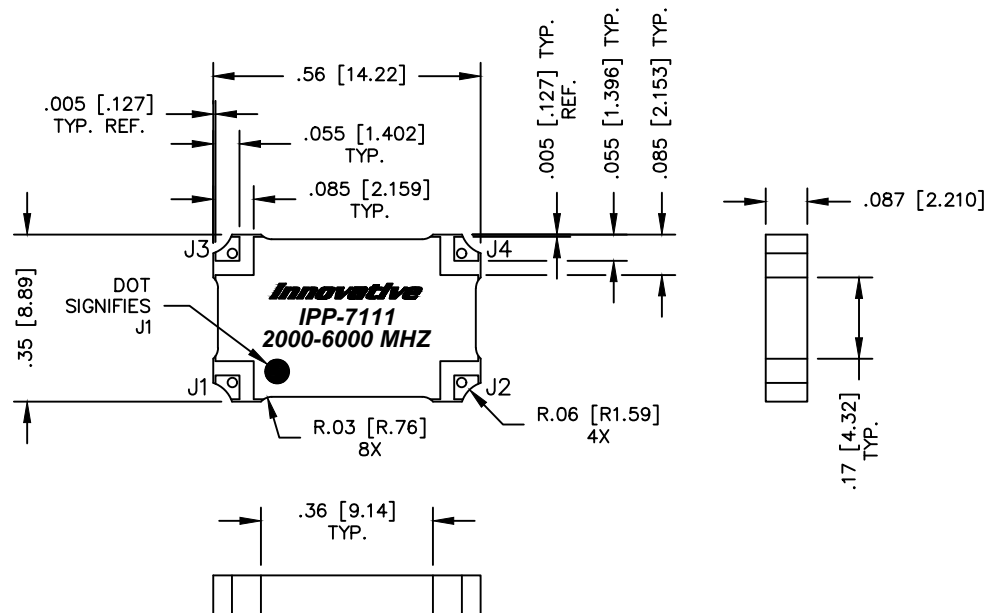


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4119	A	INITIAL RELEASE	DG	1-13
4532	B	SEE DAR	DG	8-13
8941	C	SEE DAR	TJD	4-22



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:	2000 – 6000 MHz.
INSERTION LOSS:	<0.25 dB
VSWR:	<1.30:1
ISOLATION:	>17 dB
AMPLITUDE BLANCE:	±1.40 dB
PHASE BALANCE:	±5°
POWER:	250 WATT
TEMPERATURE:	–55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7111	TIN/LEAD
IPP-7111RT	RoHS MATTE TIN
IPP-7111RG	RoHS NICKEL GOLD

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	–3dB<–90 DEG	–3dB<0 DEG
J2	ISOLATION	---	–3dB<0 DEG	–3dB<–90 DEG
J3	–3dB<–90 DEG	–3dB<0 DEG	---	ISOLATION
J4	–3dB<0 DEG	–3dB<–90 DEG	ISOLATION	---

MATERIAL	DWN S.Cornell	DATE 10-22-12	Innovative <i>Power Products</i>		
	ENG DG	DATE 10-12			
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 2000 - 6000 MHz. 250W		
	CAGE CODE: 437R2		SIZE B	P/N IPP-7111*	REV. C
TOLERANCE IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1 OF 1	SCALE 4:1		