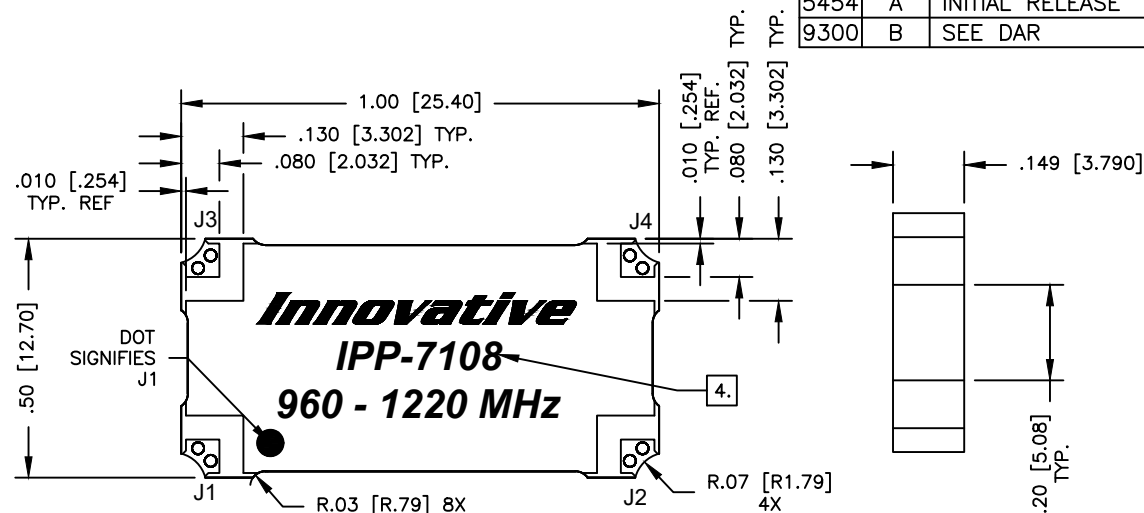


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5454	A	INITIAL RELEASE	DG	3-15
9300	B	SEE DAR	DG	5-23



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN FINISH ARE RoHS AND REACH COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

4. SEE CHART FOR PART NUMBER AND FINISH.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 960 - 1220 MHz.

INSERTION LOSS: <0.20 dB

VSWR: <1.25:1

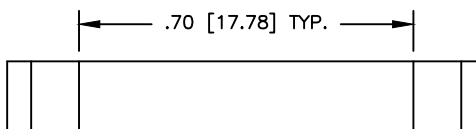
ISOLATION: >20 dB

AMPLITUDE BALANCE: ±0.20 dB

PHASE BALANCE: ±3°

POWER: 300 WATT AVG, 2KW PEAK MODE S-ELM

TEMPERATURE: -55°C TO 85°C



FINISH		
P/N	TYPE	COMPLIANCE
IPP-7108	TIN/LEAD	---
IPP-7108RT	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 SEE FINISH CHART	DWN S.Cornell	DATE 9-5-12	Innovative <i>Power Products</i>		
	ENG DG	DATE 9-12			
	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 960 - 1220 MHz. 300W		
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	CAGE CODE: 437R2		SIZE B	P/N IPP-7108*	REV. B
	SHEET 1 OF 1	SCALE 4:1			