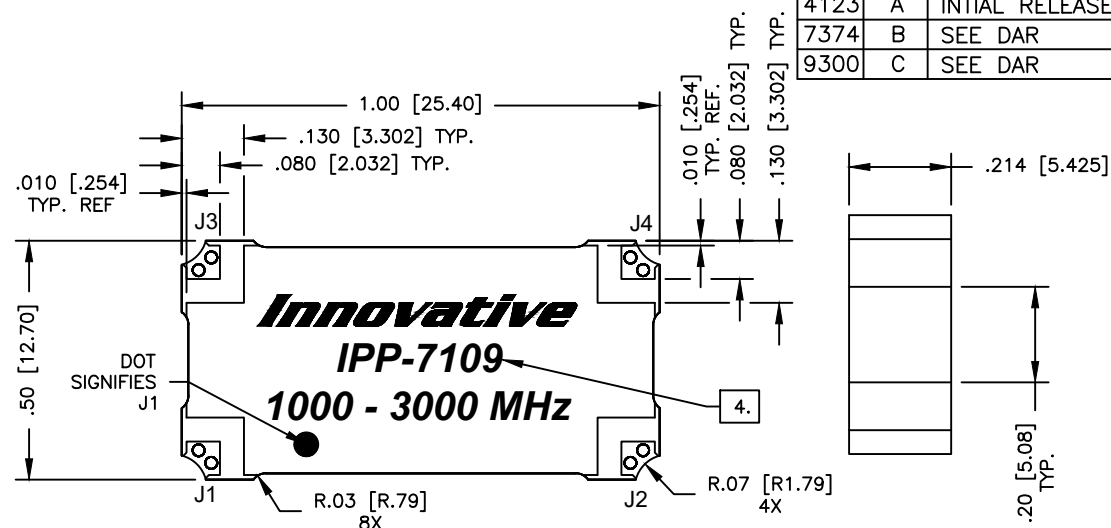


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



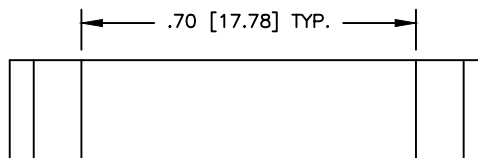
DAR	REV	DESCRIPTION	APPVD	DATE
4123	A	INITIAL RELEASE	DG	1-13
7374	B	SEE DAR	TJD	11-18
9300	C	SEE DAR	DG	5-23

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. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 3000 MHz.
INSERTION LOSS: <0.25 dB
VSWR: <1.30:1
ISOLATION: >17 dB
AMPLITUDE BALANCE: ± 1.1 dB
PHASE BALANCE: $\pm 6^\circ$
POWER: 400 WATT
TEMPERATURE: -55°C TO 85°C



FINISH		
P/N	TYPE	COMPLIANCE
IPP-7109	TIN/LEAD	---
IPP-7109RT	MATTE TIN	RoHS & REACH
IPP-7109RG	NICKEL GOLD	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 10-17-12		<i>Innovative</i> <i>Power</i> <i>Products</i>		
	ENG DG		DATE 10-12				
FINISH SEE FINISH CHART	MANUF		DATE		TITLE OUTLINE SMD COUPLER, 90°, 1000 - 3000 MHz. 400W		
	CAGE CODE: 437R2						
TOLERANCE IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		SHEET 1 OF 1	SCALE 4:1	SIZE B	P/N IPP-7109*	REV. C