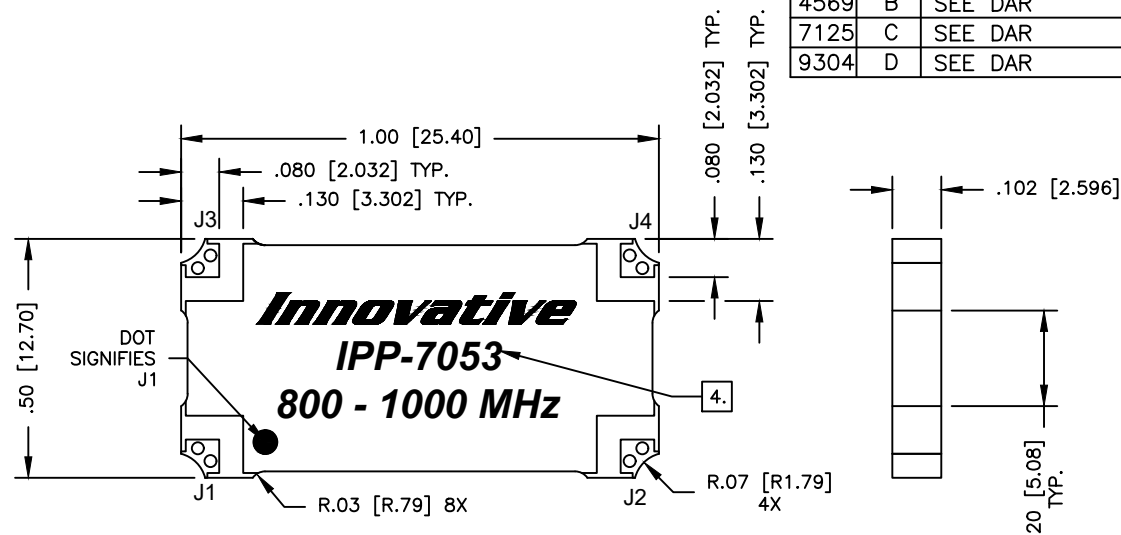


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4569	B	SEE DAR	DG	9-13
7125	C	SEE DAR	DG	4-18
9304	D	SEE DAR	DG	5-23



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES 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: 800 - 1000 MHz.
INSERTION LOSS: <0.15 dB
VSWR: <1.25:1
ISOLATION: >20 dB
AMPLITUDE BALANCE: ±0.30 dB
PHASE BALANCE: ±5°
POWER: 300 WATT
TEMPERATURE: -55°C TO 85°C

FINISH		
P/N	TYPE	COMPLIANCE
IPP-7053	TIN/LEAD	---
IPP-7053RT	MATTE TIN	RoHS & REACH
IPP-7053RG	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	DG	DATE	4-10			Innovative Power Products			
		ENG	TJD	DATE	4-10						
FINISH SEE FINISH CHART		MANUF		DATE		TITLE OUTLINE SMD COUPLER, 90°, 800 - 1000 MHz 300W					
TOLERANCE IN [MM]		CAGE CODE: 437R2				SIZE B		P/N IPP-7053*		REV. D	
		SHEET 1 OF 1 SCALE 4:1									
		.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°									