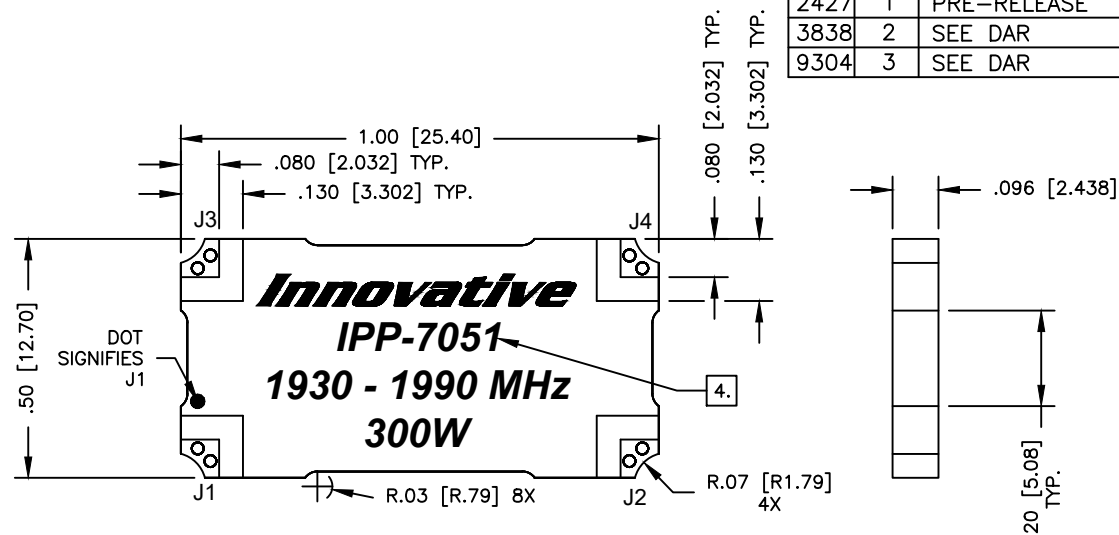


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2427	1	PRE-RELEASE	TJD	4-10
3838	2	SEE DAR	DG	8-12
9304	3	SEE DAR	DG	5-23



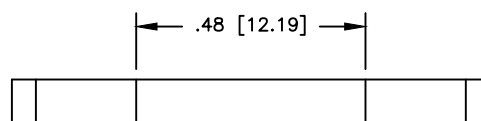
PRELIMINARY
DIMENSIONS AND SPECIFICATIONS
ARE SUBJECT TO CHANGE UNTIL
INITIAL RELEASE OF DRAWING.

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: 1930 – 1990 MHz.
INSERTION LOSS: <0.15 dB
VSWR: <1.25:1
ISOLATION: >20 dB
AMPLITUDE BALANCE: ±0.25 dB
PHASE BALANCE: ±5°
POWER: 300 WATT
TEMPERATURE: -55°C TO 85°C



FINISH		
P/N	TYPE	COMPLIANCE
IPP-7051	TIN/LEAD	---
IPP-7051RT	MATTE TIN	RoHS & REACH
IPP-7051RG	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				<div><div>Innovative</div><div>Power Products</div></div>				
FINISH		ENG	TJD	DATE	4-10								
SEE FINISH CHART		MANUF		DATE		TITLE							
TOLERANCE		CAGE CODE: 437R2				OUTLINE							
IN [MM]		SHEET		OF		SCALE		SIZE		P/N		REV.	
.XX ±.02 [50] .XXX ±.010 [254] ANG. ±1/2°		1		1		4:1		B		IPP-7051*		3	