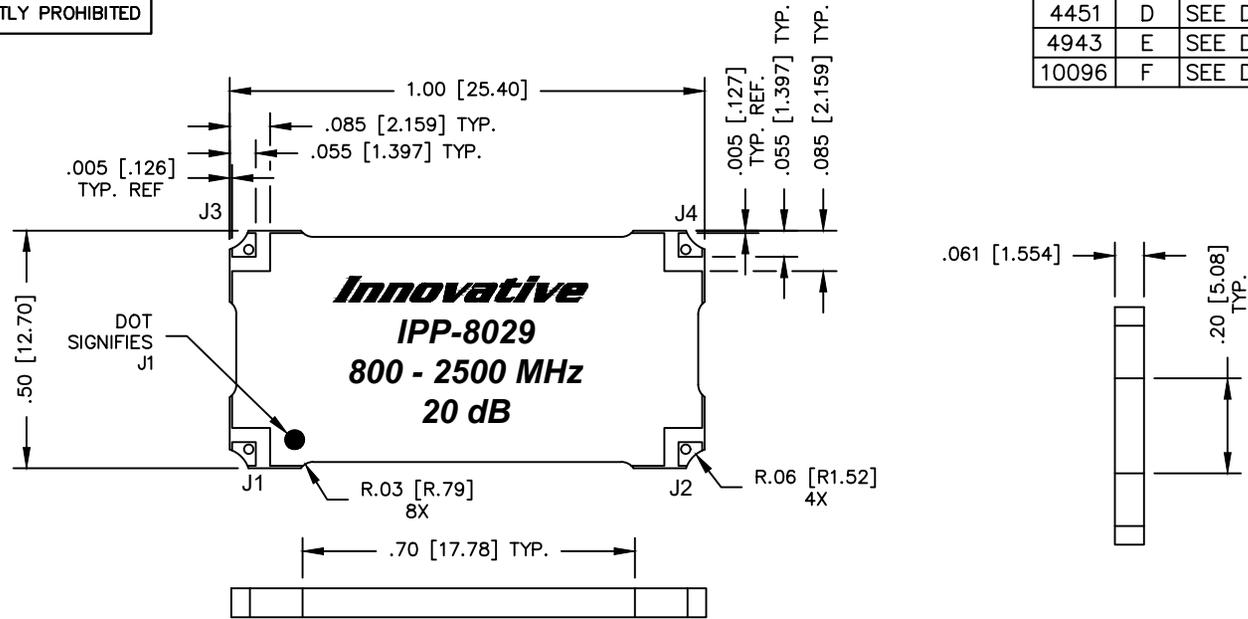


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4451	D	SEE DAR	DG	7-13
4943	E	SEE DAR	DG	4-14
10096	F	SEE DAR	DG	5-25



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN FINISH ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
4. DATA AND SPECIFICATIONS APPLY WHEN MOUNTED IN IPP TEST FIXTURE WITH J1 AS INPUT. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

FINISH	
P/N	TYPE
IPP-8029	TIN/LEAD
IPP-8029RT	RoHS MATTE TIN

PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4 ADD 50Ω TERMINATION
J1	J2	J3 ADD 50Ω TERMINATION	J4

ELECTRICAL SPECIFICATIONS

FREQUENCY: 800 – 2500 MHz.
 INSERTION LOSS: <0.25 dB
 MAIN LINE VSWR: <1.25:1
 COUPLING: 20dB ±1.5dB
 COUPLED FLATNESS: ±0.75 dB
 DIRECTIVITY: >20 dB
 POWER: 150 WATT
 TEMPERATURE: -55°C TO +85°C

MATERIAL	DWN S.Cornell	DATE 3-25-10	Innovative Power® Products		
FINISH	ENG DG	DATE 3-10			
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE, SMD COUPLER BDC, 800-2500 MHz. 20dB 150W		
TOLERANCE	CAGE CODE: 437R2		SIZE B	P/N IPP-8029	REV. F
IN [MM]	SHEET 1 OF 1	SCALE 4:1			