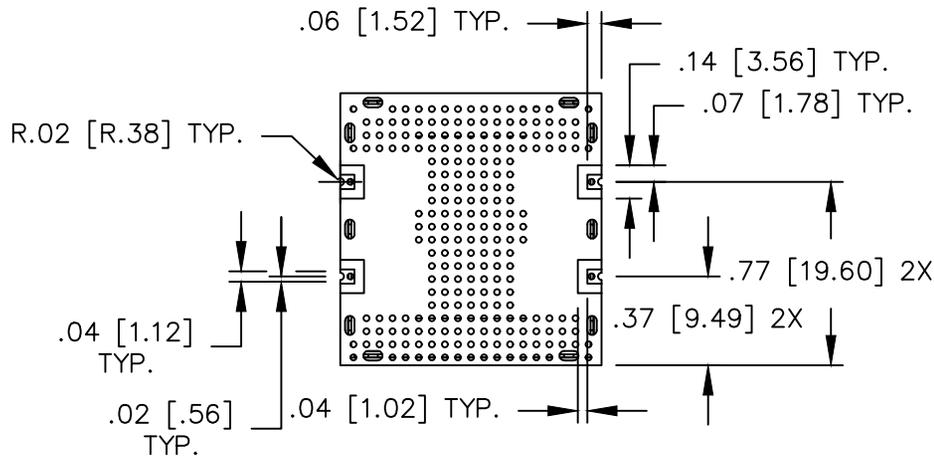
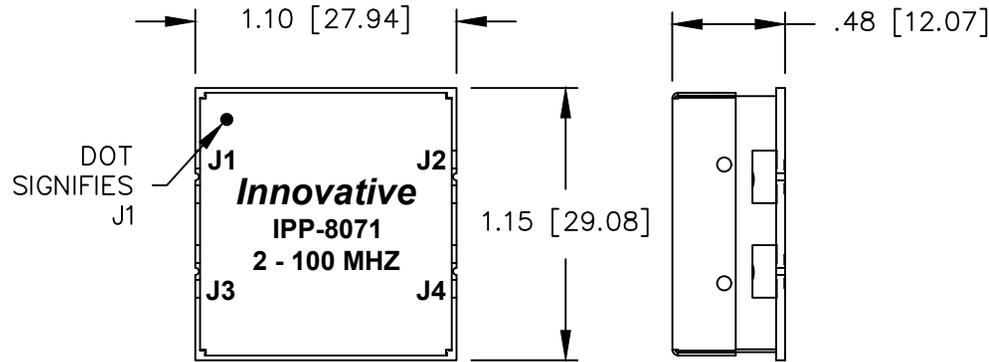


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5140	D	SEE DAR	TJD	8-14
5655	E	SEE DAR	DG	6-15
10123	F	SEE DAR	DG	6-25



**NOTES:**

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. AVAILABLE IN TAPE AND REEL.
3. DO NOT EXCEED 245°C WHEN INSTALLING COUPLER.
4. RoHS COMPLIANT.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY:	2 - 100 MHz.
INSERTION LOSS:	<0.25 dB
MAIN LINE VSWR:	<1.25:1
COUPLING:	20dB ±1.0 dB
DIRECTIVITY:	>20 dB
COUPLED FLATNESS:	±0.50 dB
POWER:	120 WATT
TEMPERATURE:	-55°C TO 85°C

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

MATERIAL	DWN S.Cornell	DATE 10-17-12	<b>Innovative</b> Power® Products	
FINISH	ENG DG	DATE 10-12		
IMMERSION TIN	MANUF	DATE	TITLE OUTLINE, SMD COUPLER	
TOLERANCE .XX ±.02 .XXX ±.010 ANG. ±1/2°	CAGE CODE: 437R2		BI-DIRECTIONAL 2 - 100 MHz 120 WATT	
	SHEET OF 1 1	SCALE 2:1	SIZE B	P/N IPP-8071
				REV. F