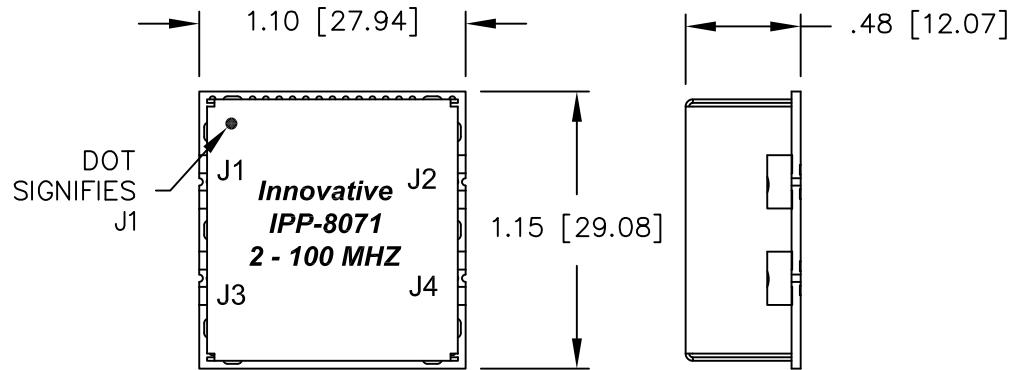


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4386	A	INITIAL RELEASE	DG	6-13
4448	B	SEE DAR	DG	7-13
5114	C	SEE DAR	DG	8-14
5140	D	SEE DAR	TJD	8-14

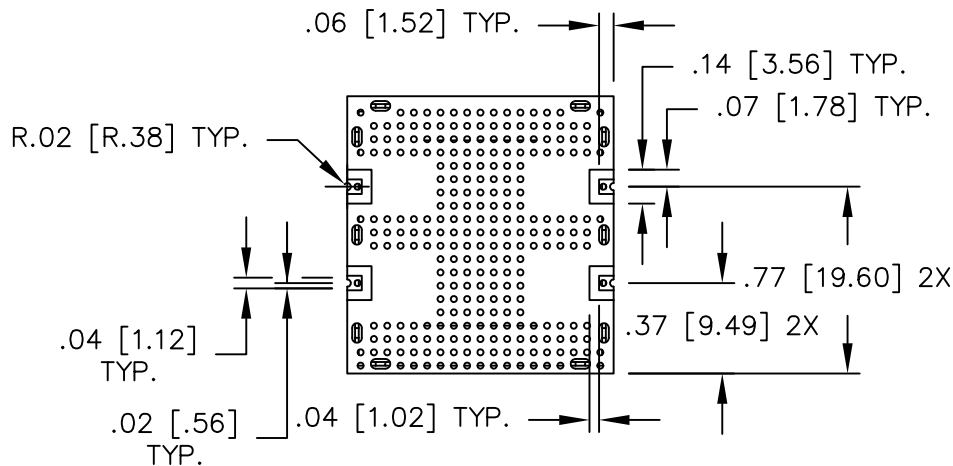


**NOTES:**

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.

**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				
	ENG DG	DATE 10-12				
FINISH IMMERSION TIN	MANUF	DATE	TITLE OUTLINE, SMD COUPLER			
	CAGE CODE: 437R2		BI-DIRECTIONAL 2 - 100 MHz 120 WATT			
TOLERANCE .XX ±.02 .XXX ±.010 ANG. ±1/2°	SHEET 1	OF 1	SCALE 2:1	SIZE B	P/N IPP-8071	REV. D