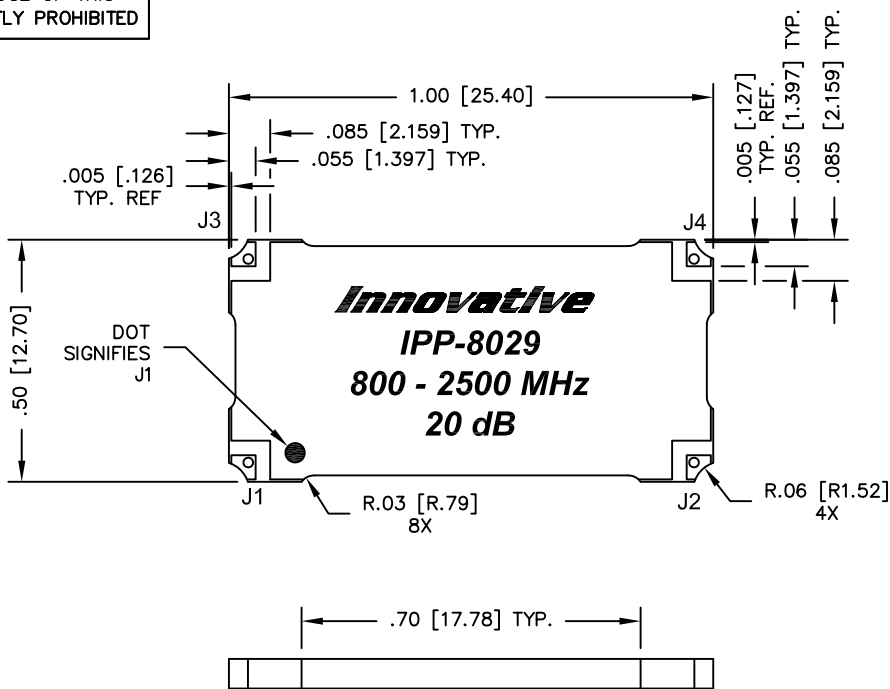


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
2398	A	INITIAL RELEASE	DG	3-10
2467	B	SEE DAR	DG	5-10
4059	C	SEE DAR	DG	12-12
4451	D	SEE DAR	DG	7-13
4943	E	SEE DAR	DG	4-14

- NOTES:**
- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
 - PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
 - AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

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

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

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 3-25-10		
FINISH	ENG DG	DATE 3-10		
SEE FINISH CHART	MANUF	DATE	TITLE	
TOLERANCE	CAGE CODE: 437R2		OUTLINE, SMD COUPLER	
IN [MM]	SHEET 1	OF 1	BDC, 800-2500 MHz. 20dB 150W	
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SCALE 4:1	SIZE B	P/N IPP-8029	REV. E