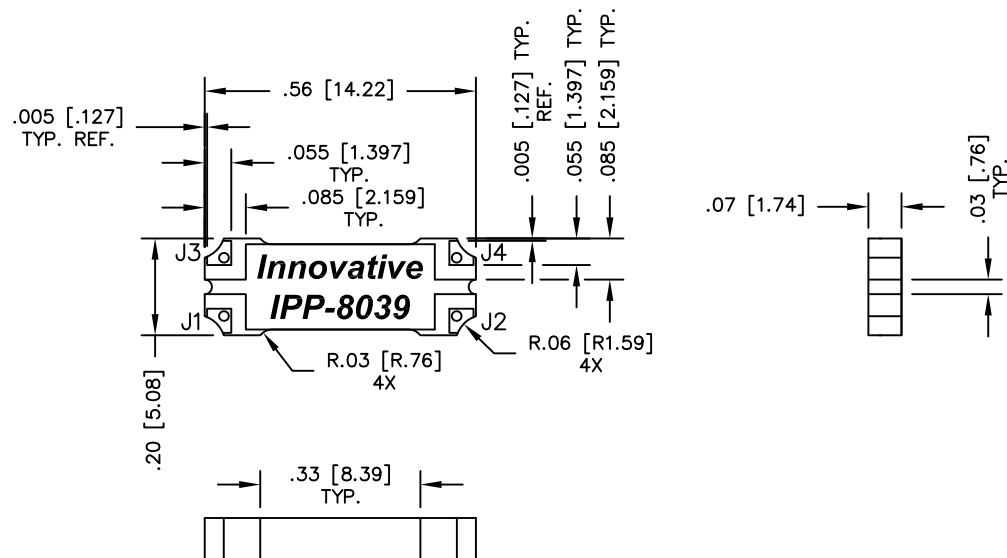


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2708	A	INITIAL RELEASE	TJD	9-10
2757	B	SEE DAR	TJD	10-10
4454	C	SEE DAR	DG	7-13



- 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.

FINISH	
P/N	TYPE
IPP-8039	TIN/LEAD
IPP-8039RT	RoHS MATTE TIN
IPP-8039RG	RoHS NICKEL GOLD

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

ELECTRICAL SPECIFICATIONS	
FREQUENCY:	2000 – 6000 MHz.
INSERTION LOSS:	<0.25 dB
MAIN LINE VSWR:	<1.30:1
COUPLING:	20 +1.0dB, -1.8dB
DIRECTIVITY:	>16dB
COUPLED FLATNESS:	$\pm$ 1.9dB
POWER:	100 WATT
TEMPERATURE:	-55°C TO 85°C

MATERIAL	DWN	DG	DATE	8-10	Innovative <i>Power</i> Products	
	ENG	TJD	DATE	8-10		
FINISH	SEE FINISH CHART		MANUF	DATE	TITLE	
TOLERANCE	.XX $\pm$.02 [.50] .XXX $\pm$.010 [.254] ANG. $\pm$ 1/2°		CAGE CODE: 437R2		BI DIRECTIONAL, 2000 - 6000 MHz. 100W	
IN [MM]	SHEET	OF	SCALE	SIZE	P/N	REV.
	1	1	4:1	B	IPP-8039*	C