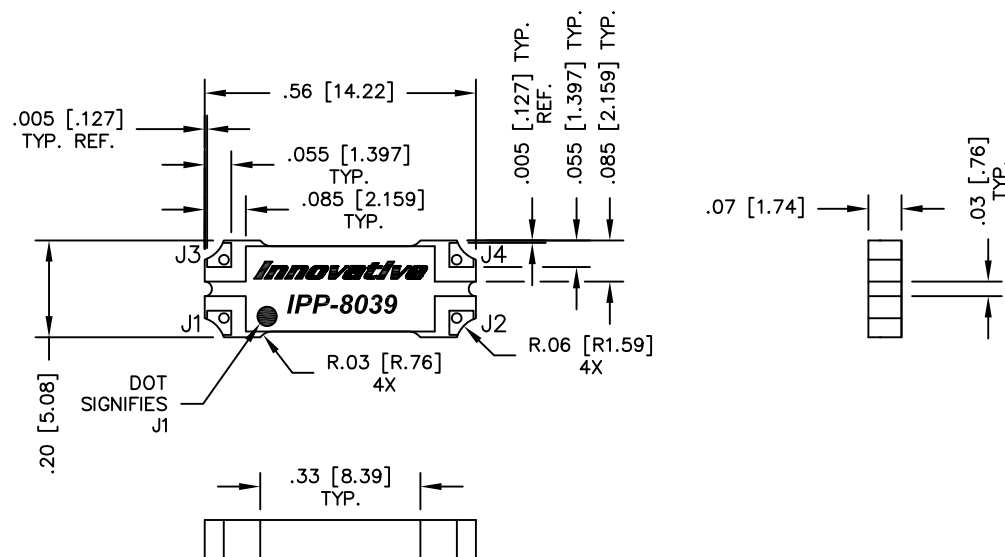


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2757	B	SEE DAR	TJD	10-10
4454	C	SEE DAR	DG	7-13
6560	D	SEE DAR	TJD	2-17



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

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:	±1.9dB
POWER:	100 WATT
TEMPERATURE:	–55°C TO 85°C

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

MATERIAL		DWN	DG	DATE	8-10			
FINISH		ENG	TJD	DATE	8-10			
SEE FINISH CHART		MANUF		DATE		TITLE		
TOLERANCE		CAGE CODE: 437R2				OUTLINE, SMD COUPLER		
IN [MM]		SHEET OF		SCALE		SIZE P/N		REV.
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		1 1		4:1		IPP-8039*		D
						BI DIRECTIONAL, 2000 - 6000 MHZ. 100W		