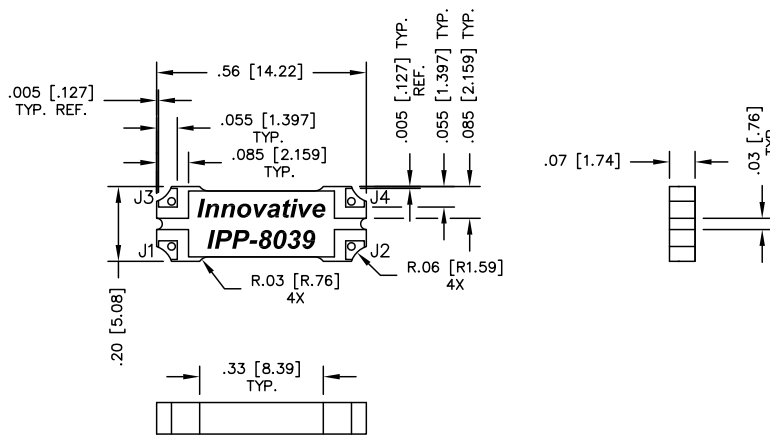


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2708	A	INITIAL RELEASE	TJD	9-10
2757	B	SEE DAR	TJD	10-10



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

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.

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

ELECTRICAL SPECIFICATIONS

FREQUENCY:	2000 - 6000 MHz.
INSERTION LOSS:	<0.25 dB
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

MATERIAL	DWN DG	DATE 8-10	Innovative <i>Power</i> Products
FINISH	ENG TJD	DATE 8-10	
SEE FINISH CHART	MANUF	DATE	TITLE
TOLERANCE	CAGE CODE: 437R2		BI DIRECTIONAL, 2000 - 6000 MHz. 100W
.xx ±.02 [.50]	SHEET 1 OF 1	SCALE 4:1	SIZE B P/N
.xxx ±.01 [.254]			IPP-8039*
ANG. ±1/2°			REV. B