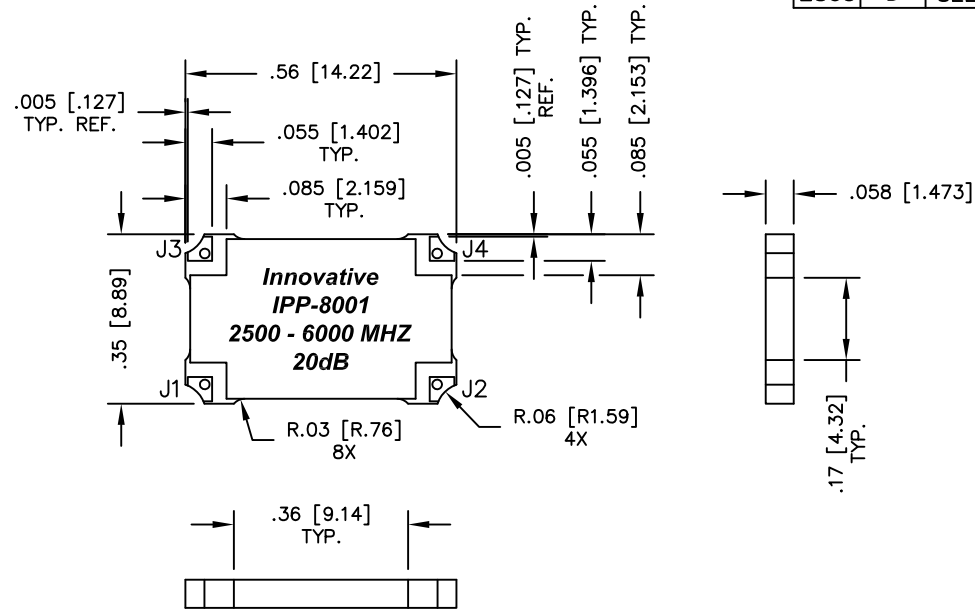


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1731	A	INITIAL RELEASE	DG	2-09
1754	B	SEE DAR	DG	2-09
1912	C	SEE DAR	DG	6-09
2803	D	SEE DAR	TJD	11-10



FINISH	
P/N	TYPE
IPP-8001	TIN/LEAD
IPP-8001RT	RoHS MATTE TIN
IPP-8001RG	RoHS NICKEL GOLD

NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATT 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: 2500 – 6000 MHz.
 INSERTION LOSS: <0.25 dB
 VSWR: <1.30:1
 COUPLING: 20dB ±1.0 dB
 DIRECTIVITY: >20 dB
 COUPLED FLATNESS: ±1.2 dB
 POWER: 100 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 DG	DATE 2-09	Innovative <i>Power</i> Products		
FINISH	ENG TJD	DATE 2-09			
SEE FINISH CHART	MANUF TP	DATE 2-09	TITLE OUTLINE, SMD COUPLER		
TOLERANCE	CAGE CODE: 437R2		BI-DIRECTIONAL, 2500 - 6000 MHZ. 100W		
IN [MM]	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-8001*	REV. D
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°					