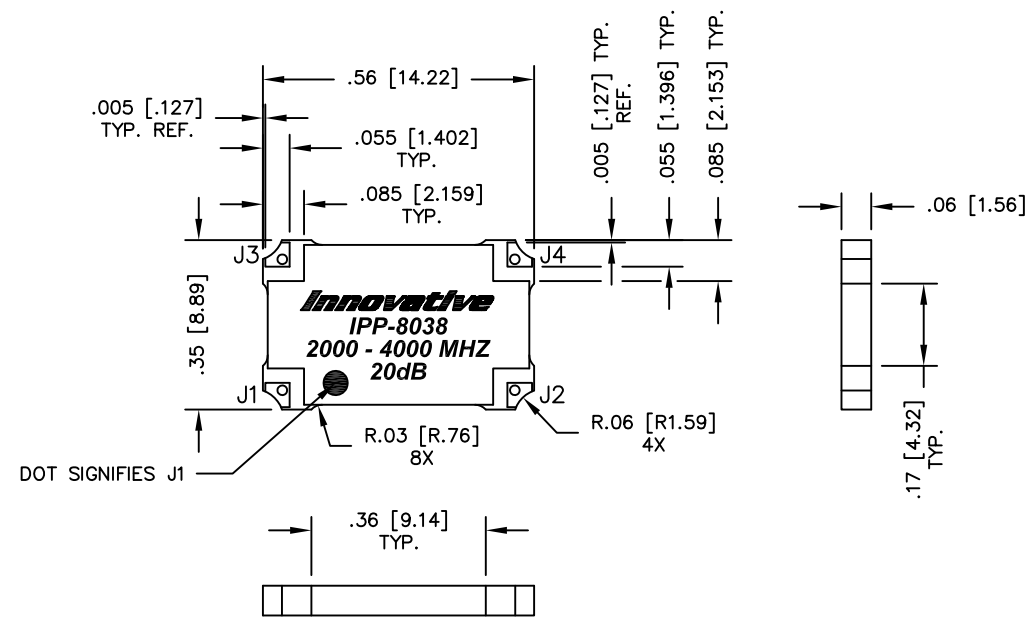


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4282	A	INITIAL RELEASE	DG	5-13
4453	B	SEE DAR	DG	7-13



- 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 - 4000 MHz.
INSERTION LOSS:	<0.25 dB
MAIN LINE VSWR:	<1.30:1
COUPLING:	20dB ±1.0 dB
DIRECTIVITY:	>20 dB
COUPLED FLATNESS:	±0.9 dB
POWER:	100 WATT
TEMPERATURE:	-55°C TO 85°C

FINISH	
P/N	TYPE
IPP-8038	TIN/LEAD
IPP-8038RT	RoHS MATTE TIN
IPP-8038RG	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 6-24-10			
FINISH	ENG DG	DATE 6-10			
SEE FINISH CHART		MANUF	DATE	TITLE OUTLINE, SMD COUPLER	
TOLERANCE		CAGE CODE: 437R2		BIDIRECTIONAL, 2000 - 4000 MHZ. 100W	
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1	OF 1	SCALE 4:1	SIZE B
				P/N	IPP-8038*
				REV.	B