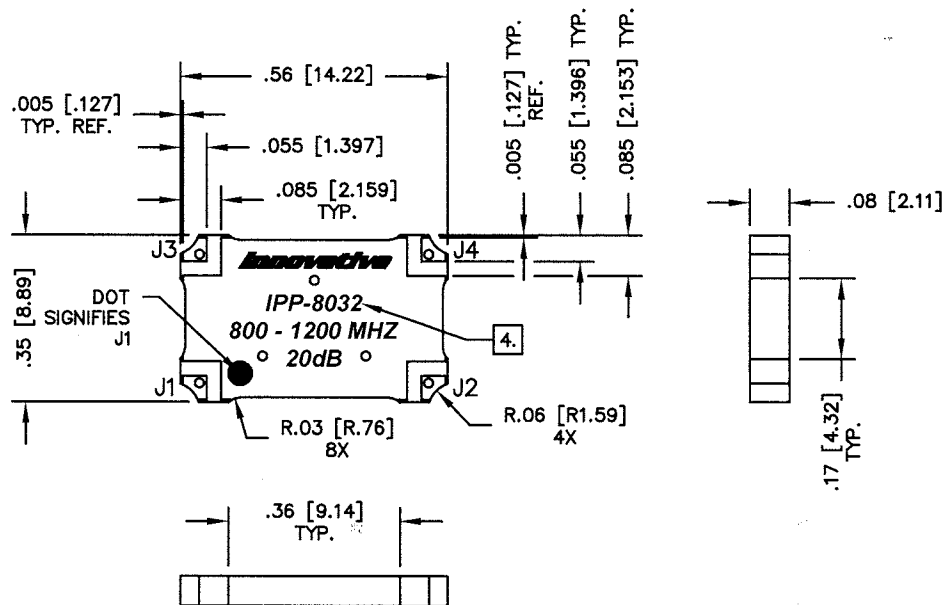


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4580	A	INITIAL RELEASE	DG	10-13
8111	B	SEE DAR	DG	4-20



**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.
4. SEE CHART FOR PART MARKING AND FINISH.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 800 - 1200 MHz.  
 INSERTION LOSS: <0.25 dB  
 MAIN LINE VSWR: <1.25:1  
 COUPLING: 20dB ±1.0 dB  
 DIRECTIVITY: >20 dB  
 COUPLED FLATNESS: ±0.6 dB  
 POWER: 150 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-8032	TIN/LEAD
IPP-8032RT	RoHS MATTE TIN
IPP-8032RG	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 5-14-10	<b>Innovative Power Products</b>		
FINISH SEE FINISH CHART	ENG DG	DATE 6-10			
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	MANUF	DATE	TITLE OUTLINE, SMD COUPLER BDC, 800 - 1200 MHz. 150W		
	CAGE CODE: 437R2		SIZE B	P/N IPP-8032*	REV. B
	SHEET 1	OF 1	SCALE 4:1		