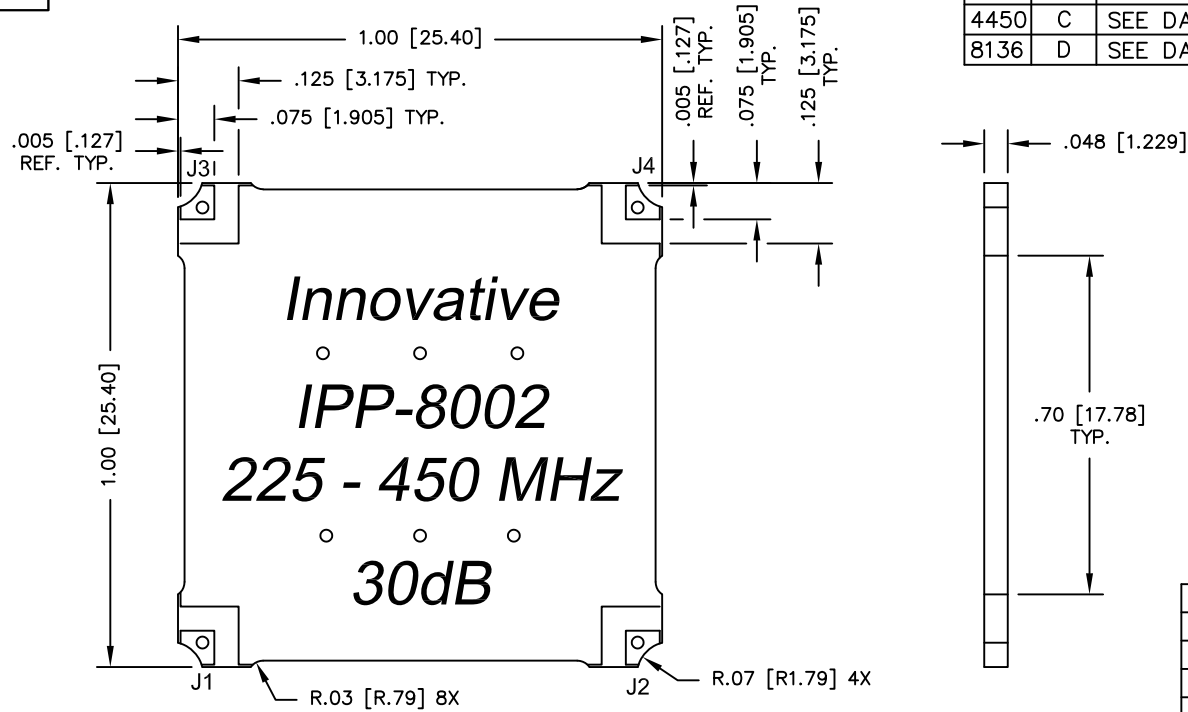


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2803	B	SEE DAR	TJD	11-10
4450	C	SEE DAR	DG	7-13
8136	D	SEE DAR	TJD	4-20



FINISH		
P/N	TYPE	COMPLIANCE
IPP-8002	TIN/LEAD	---
IPP-8002RT	MATTE TIN	RoHS & REACH
IPP-8002RG	NICKEL GOLD	RoHS & REACH

**NOTES:**

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

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 225 - 450 MHz.  
 INSERTION LOSS: <0.25 dB  
 MAIN LINE VSWR: <1.25:1  
 COUPLING: 30dB ±1.5 dB  
 DIRECTIVITY: >16 dB  
 COUPLED FLATNESS: ±1.25 dB  
 POWER: 200 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 3-09	<b>Innovative Power Products</b>	
FINISH	ENG TJD	DATE 3-09		
SEE FINISH CHART	MANUF TP	DATE 3-09	TITLE OUTLINE, SMD COUPLER	
TOLERANCE	CAGE CODE: 437R2		BI-DIRECTIONAL, 225 - 450 MHz. 200W	
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°			P/N IPP-8002*	REV. D