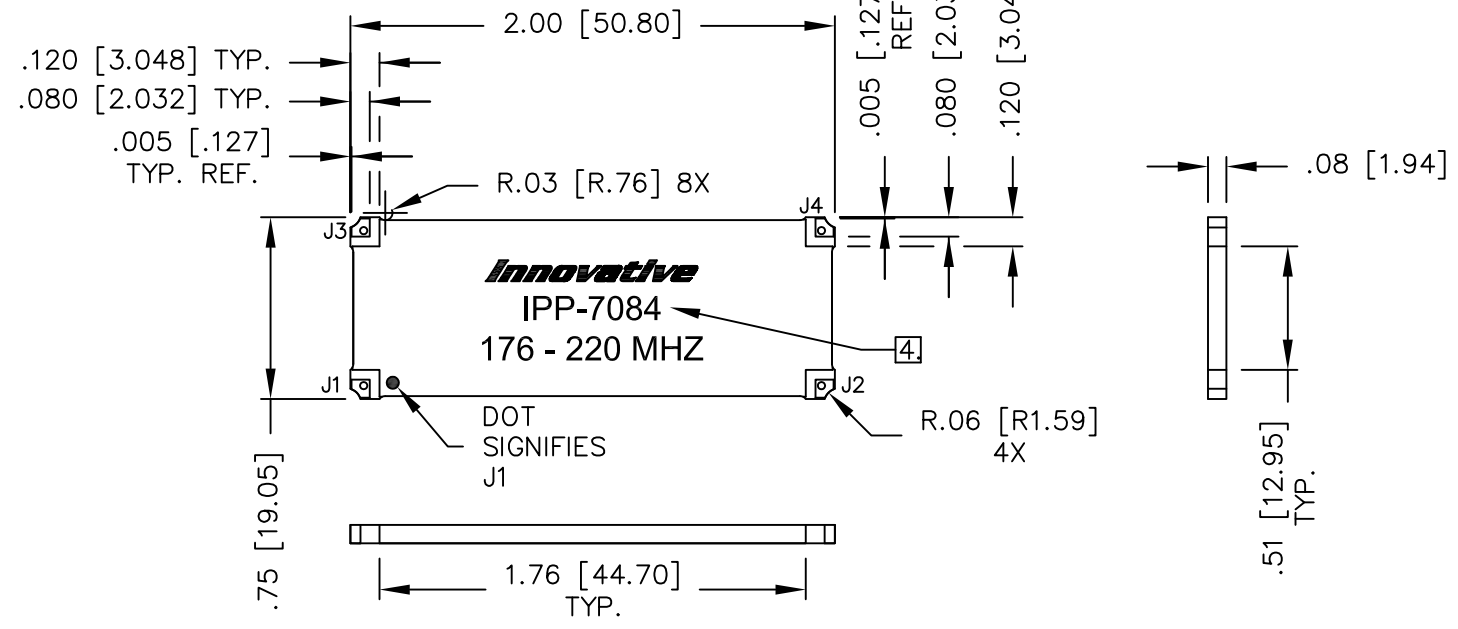


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3896	B	SEE DAR	DG	8-12
4027	C	SEE DAR	TJD	11-12
7128	D	SEE DAR	TJD	4-18



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 NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 176 - 220MHz.
 INSERTION LOSS: <0.45 dB
 VSWR: <1.30: 1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±0.4dB
 PHASE BALANCE: ±5°
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7084	TIN/LEAD
IPP-7084RT	RoHS MATTE TIN
IPP-7084RG	RoHS NICKEL GOLD

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG
J2	ISOLATION	---	-3dB<-90 DEG	-3dB<0 DEG
J3	-3dB<0 DEG	-3dB<-90 DEG	---	ISOLATION
J4	-3dB<-90 DEG	-3dB<0 DEG	ISOLATION	---

MATERIAL	DWN DG	DATE 7-11	Innovative Power Products		
FINISH SEE CHART	ENG TJD	DATE 7-11			
TOLERANCE	CAGE CODE: 437R2		TITLE OUTLINE		
IN [MM]	SHEET 1	OF 1	SCALE 2:1	SMD COUPLER, 90°, 176 - 220 MHZ. 200W	
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SIZE B		P/N IPP-7084*	REV. D	