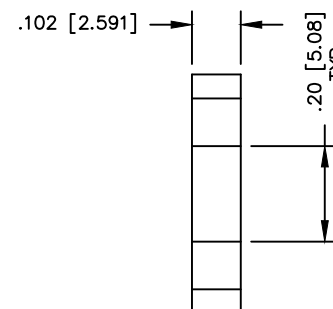
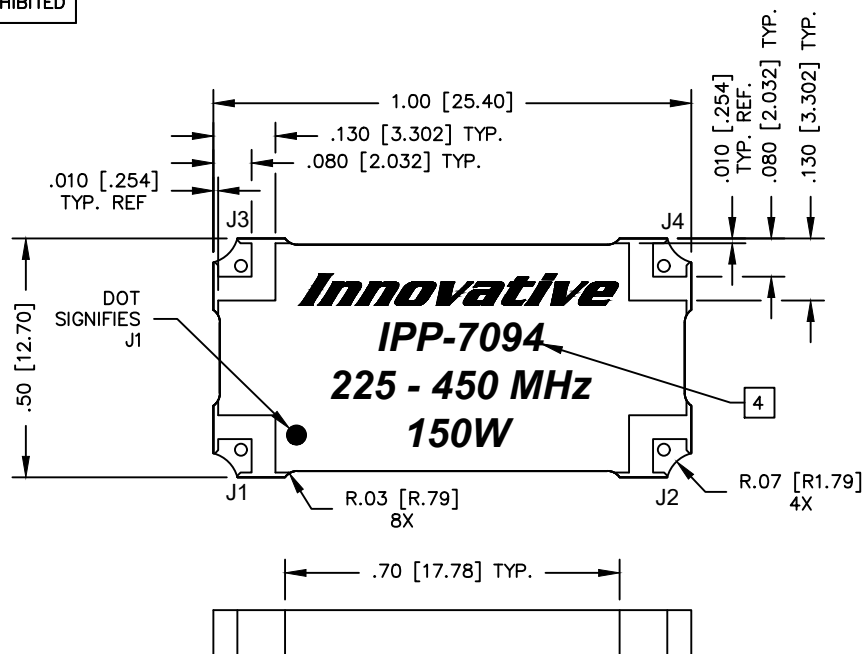


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN & GOLD FINISH ARE RoHS AND REACH COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
4. SEE CHART FOR PART NUMBER AND FINISH.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 225 - 450 MHz.
INSERTION LOSS: < 0.3 dB
VSWR: < 1.25:1
ISOLATION: > 18 dB
AMPLITUDE BALANCE: ±0.45 dB
PHASE BALANCE: ±5°
POWER: 150 WATT
TEMPERATURE: -55°C TO 85°C

DAR	REV	DESCRIPTION	APPVD	DATE
6992	D	SEE DAR	DG	12-17
8663	E	SEE DAR	TJD	6-21
9503	F	SEE DAR	TJD	11-23

FINISH		
P/N	TYPE	COMPLIANCE
IPP-7094	TIN/LEAD	---
IPP-7094RT	MATTE TIN	RoHS & REACH
IPP-7094RG	NICKEL GOLD	RoHS & REACH

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	11-11	<i>Innovative</i> <i>Power</i> <i>Products</i>		
FINISH		ENG	TJD	DATE	11-11			
SEE FINISH CHART		MANUF		DATE		TITLE		
						OUTLINE		
						SMD COUPLER, 90°, 225 - 450 MHz 150W		
TOLERANCE		CAGE CODE: 437R2				SIZE		
IN [MM]		SHEET		OF		P/N		REV.
.XX ±.02 [.50]		1		1		IPP-7094*		F
.XXX ±.010 [.254]				SCALE				
ANG. ±1/2°				4:1				