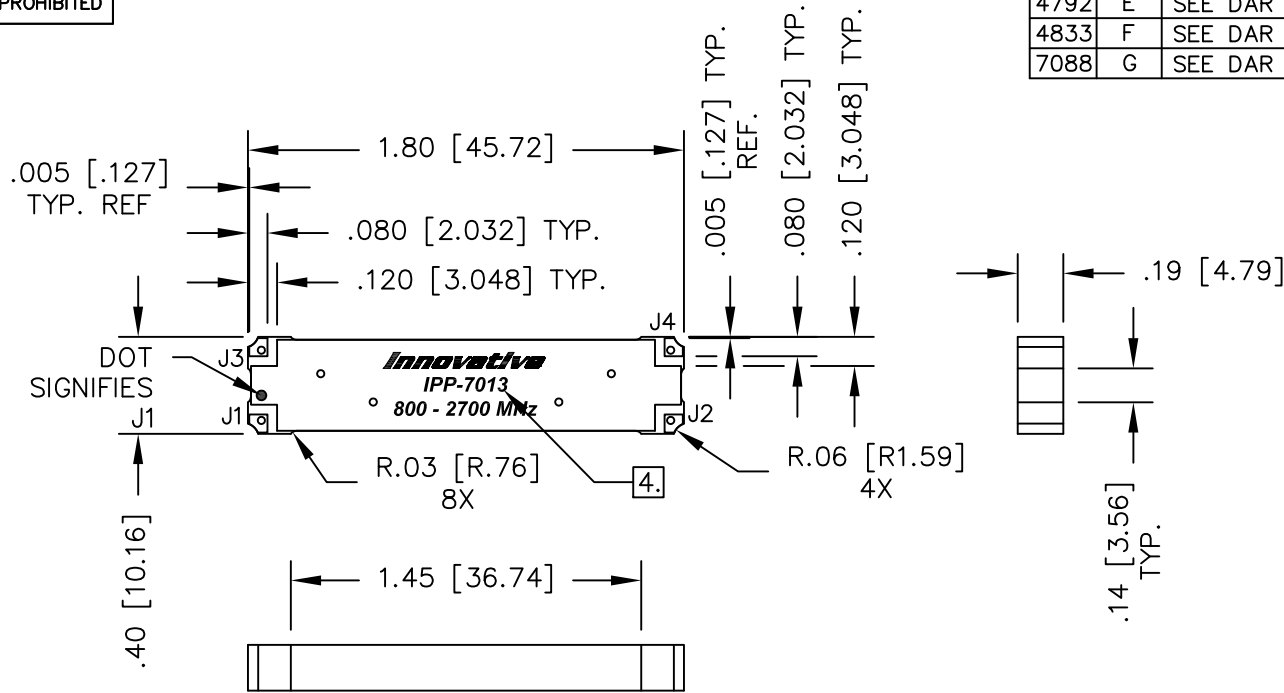


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4792	E	SEE DAR	DG	2-14
4833	F	SEE DAR	DG	3-14
7088	G	SEE DAR	DG	3-18



NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 800 – 2700 MHz.
 INSERTION LOSS: <0.50 dB
 VSWR: <1.35:1
 ISOLATION: >17.0dB
 AMPLITUDE BALANCE: ±0.65dB
 PHASE BALANCE: ±5°
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7013	TIN/LEAD
IPP-7013RT	RoHS MATTE TIN
IPP-7013RG	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 7-09			
FINISH	ENG TJD	DATE 7-09			
TOLERANCE	MANUF TP	DATE 7-09	TITLE OUTLINE		
IN [MM]	SEE FINISH CHART	CAGE CODE: 437R2	SMD COUPLER, 90°, 800 - 2700 MHz. 200W		
.XX ±.02 [.50]	SHEET OF 1 1	SCALE 2:1	SIZE B	P/N IPP-7013*	REV. G
.XXX ±.010 [.254]					
ANG. ±1/2°					