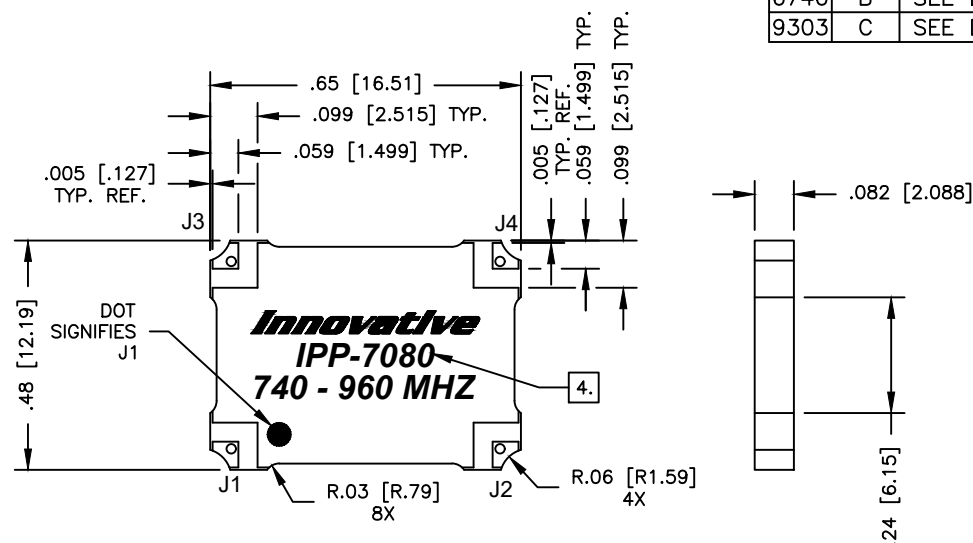


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4438	A	INITIAL RELEASE	DG	7-13
6746	B	SEE DAR	TJD	6-17
9303	C	SEE DAR	DG	5-23

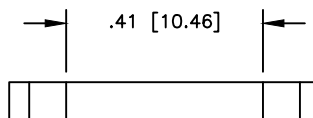


NOTES:

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

ELECTRICAL SPECIFICATIONS

FREQUENCY: 740 – 960 MHz.
 INSERTION LOSS: <0.20 dB
 VSWR: <1.12:1
 ISOLATION: >25 dB
 AMPLITUDE BALANCE: ±0.30 dB
 PHASE BALANCE: ±2°
 POWER: 225 WATT (CW @ 1.20:1 LOAD VSWR)
 TEMPERATURE: -55°C TO 95°C



FINISH		
P/N	TYPE	COMPLIANCE
IPP-7080	TIN/LEAD	---
IPP-7080RT	MATTE TIN	RoHS & REACH
IPP-7080RG	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 6-11	Innovative <i>Power Products</i>	
FINISH SEE FINISH CHART	ENG TJD	DATE 6-11		
TOLERANCE	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 740 - 960 MHz. 225W	
IN [MM]	CAGE CODE: 437R2	SCALE	SIZE B	P/N IPP-7080*
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1 OF 1	4:1	REV. C	