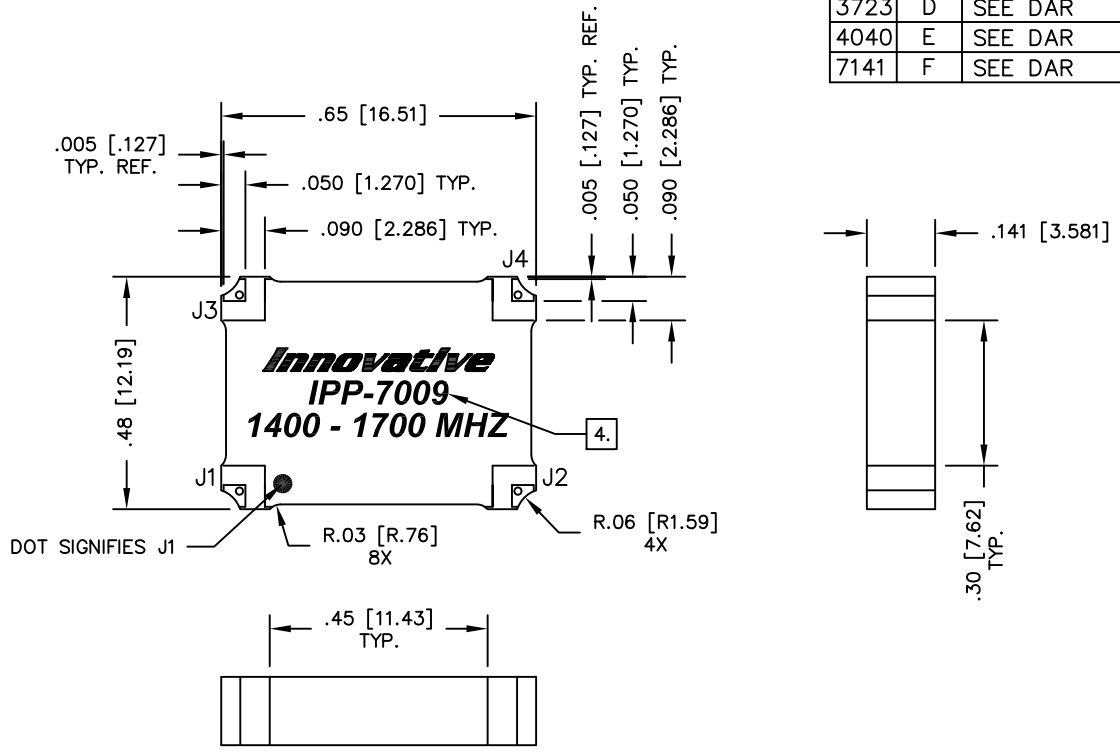


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3723	D	SEE DAR	DG	6-12
4040	E	SEE DAR	DG	11-12
7141	F	SEE DAR	DG	5-18



FINISH	
P/N	TYPE
IPP-7009	TIN/LEAD
IPP-7009RT	RoHS MATTE TIN
IPP-7009RG	RoHS NICKEL GOLD

- 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.

4. SEE CHART FOR PART NUMBER AND FINISH.

ELECTRICAL SPECIFICATIONS

- FREQUENCY: 1400 - 1700 MHz.
- INSERTION LOSS: <0.20 dB
- VSWR: <1.25:1
- ISOLATION: >20 dB
- AMPLITUDE BALANCE: ±0.35 dB
- PHASE BALANCE: ±5°
- POWER: 200 WATT
- TEMPERATURE: -55°C TO 85°C

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 12-08				
FINISH	ENG TJD	DATE 12-08				
SEE FINISH CHART	MANUF TP	DATE 12-08	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 1400 - 1700 MHz. 200W			
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7009*	REV. F