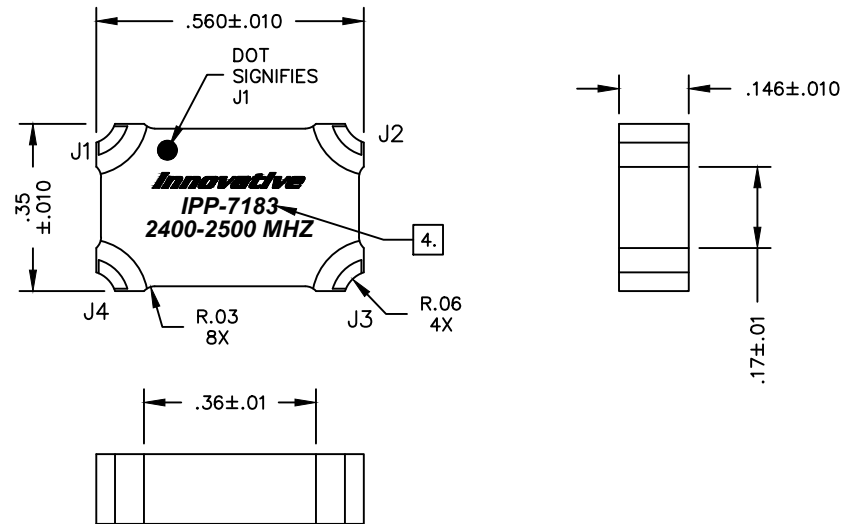


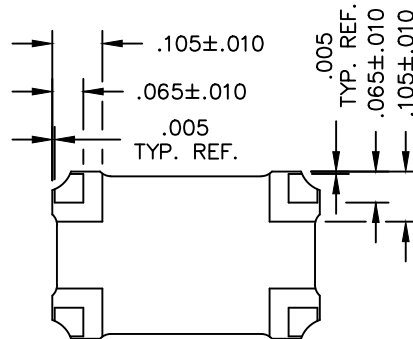
UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
9438	A	INITIAL RELEASE	DG	9-23



NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS NICKEL GOLD FINISH 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.



FINISH		
P/N	TYPE	COMPLIANCE
IPP-7183RG	NICKEL GOLD	RoHS & REACH

PORT CONFIGURATION

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

ELECTRICAL SPECIFICATIONS

FREQUENCY: 2400 - 2500 MHz.
 INSERTION LOSS: 0.15 dB
 VSWR: <1.22:1
 ISOLATION: >20 dB
 AMPLITUDE BALANCE: ±0.30 dB
 PHASE BALANCE: ±4°
 POWER: 600 WATT
 TEMPERATURE: -55°C TO 95°C

MATERIAL	DWN S.Cornell	DATE 3-10-23	Innovative Power Products		
FINISH SEE FINISH CHART	ENG DG	DATE 3-23			
TOLERANCE	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 2400 - 2500 MHz. 600W		
IN .XX ±.01 .XXX ±.010 ANG. ±1/2°	CAGE CODE: 437R2		SIZE B	P/N IPP-7183*	REV. A
	SHEET OF 1 1	SCALE 4:1			