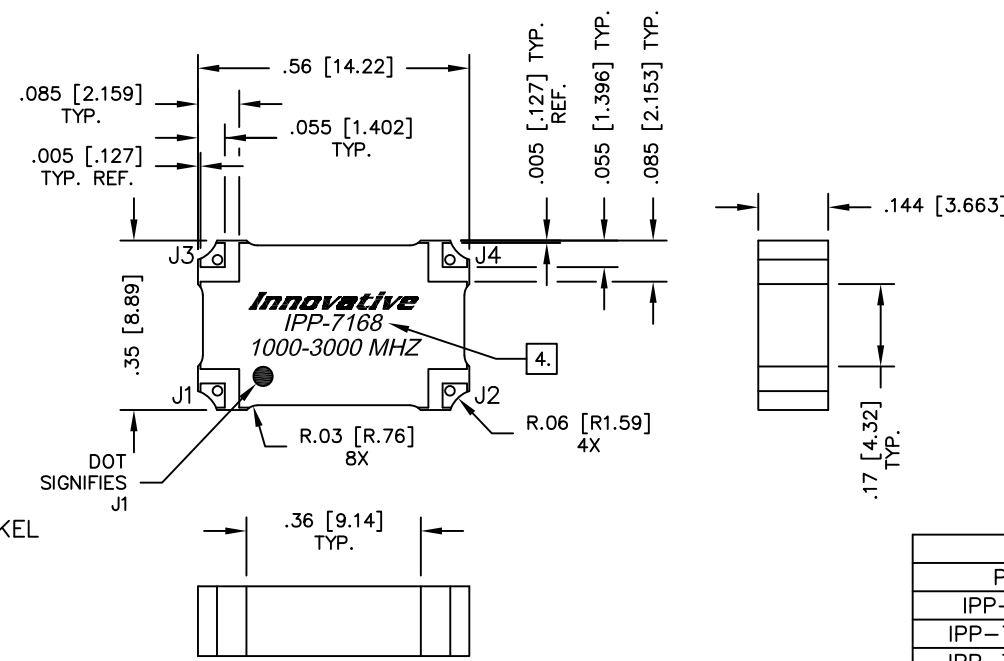


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
8134	A	INITIAL RELEASE	DG	5-20



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS 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 TF-2001. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 3000 MHz.
INSERTION LOSS: <0.25 dB
VSWR: <1.30:1
ISOLATION: >16 dB
AMPLITUDE BALANCE: ±1.10 dB
PHASE BALANCE: ±5°
POWER: 200 WATT
TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7168	TIN/LEAD
IPP-7168RT	RoHS MATTE TIN
IPP-7168RG	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 S.Cornell	DATE 4-2-20	<i>Innovative</i> <i>Power</i> <i>Products</i>		
FINISH SEE FINISH CHART		ENG DG	DATE 4-20			
		MANUF	DATE	TITLE OUTLINE		
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		CAGE CODE: 437R2		SMD COUPLER, 90°, 1000 - 3000 MHz. 200W		
		SHEET 1 OF 1	SCALE 4:1	SIZE B	P/N IPP-7168*	REV. A