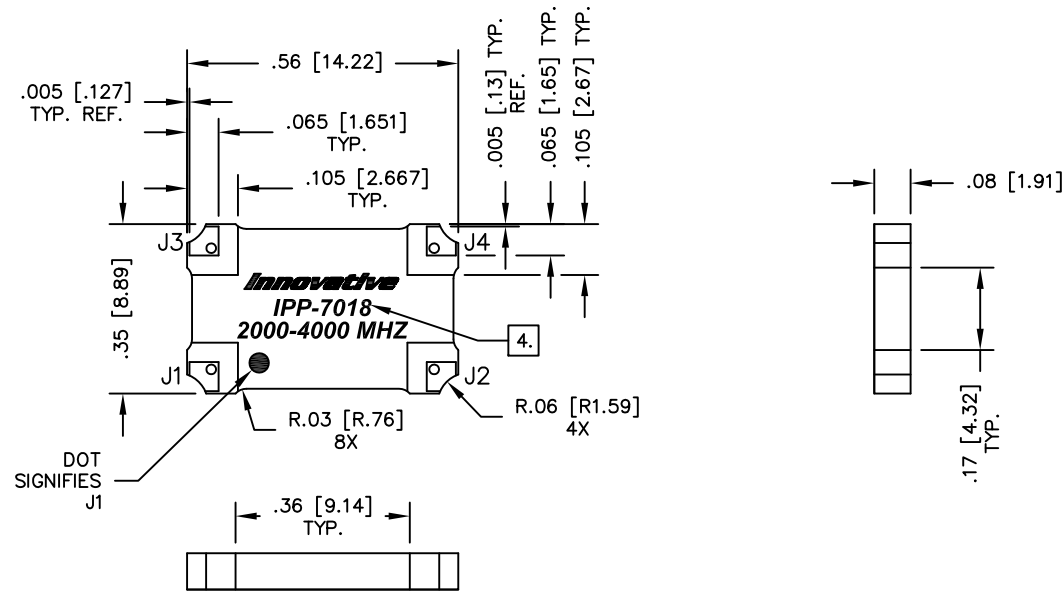


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3194	A	INITIAL RELEASE	TJD	7-11
3853	B	SEE DAR	DG	8-12
7147	C	SEE DAR	DG	5-18



**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: 2000 - 4000 MHz.  
 INSERTION LOSS: 0.35 dB  
 VSWR: <1.31:1  
 ISOLATION: >18 dB  
 AMPLITUDE BALANCE: ±0.5 dB  
 PHASE BALANCE: ±5°  
 POWER: 100 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7018	TIN/LEAD
IPP-7018RT	RoHS MATTE TIN
IPP-7018RG	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	SEE FINISH CHART	MANUF TP	DATE 7-09	TITLE OUTLINE	
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	CAGE CODE: 437R2		SMD COUPLER, 90°, 2000 - 4000 MHz. 100W	
	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7018*
					REV. C