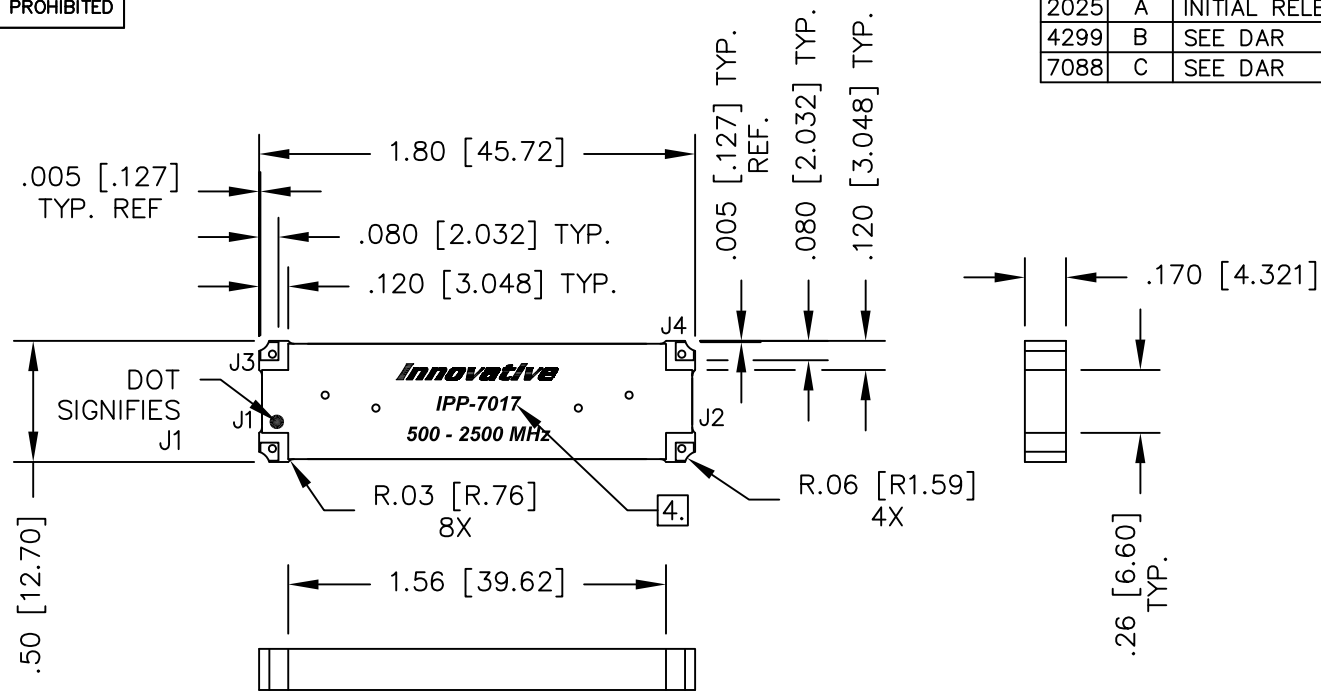


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2025	A	INITIAL RELEASE	DG	9-09
4299	B	SEE DAR	TJD	5-13
7088	C	SEE DAR	DG	3-18



- 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.

FINISH	
P/N	TYPE
IPP-7017	TIN/LEAD
IPP-7017RT	RoHS MATTE TIN
IPP-7017RG	RoHS NICKEL GOLD

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 500 – 2500 MHz.  
 INSERTION LOSS: <0.50 dB  
 VSWR: <1.30:1  
 ISOLATION: >18dB  
 AMPLITUDE BALANCE: ±0.65dB  
 PHASE BALANCE: ±5°  
 POWER: 100 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 6-09			
	ENG TJD	DATE 6-09			
FINISH SEE FINISH CHART	MANUF RR	DATE 6-09	TITLE OUTLINE		
	CAGE CODE: 437R2		SMD COUPLER, 90°, 500 - 2500 MHz. 100W		
TOLERANCE	SHEET OF 1 1		SCALE 2:1	SIZE B	P/N IPP-7017*
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°				REV. C