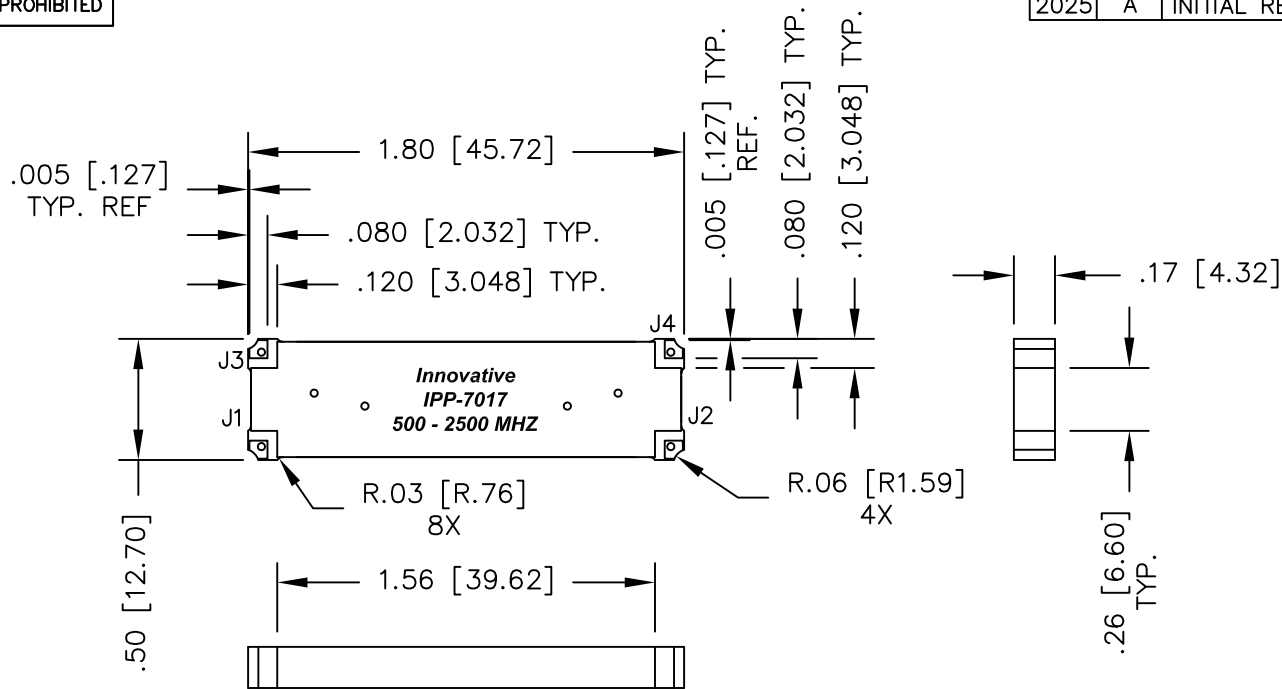


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2025	A	INITIAL RELEASE	DG	9-09



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATT TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

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

FINISH	
P/N	TYPE
IPP-7017	TIN/LEAD
IPP-7017RT	RoHS MATTE TIN
IPP-7017RG	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 6-09	Innovative <i>Power</i> Products			
FINISH SEE FINISH CHART	ENG TJD	DATE 6-09				
TOLERANCE	CAGE CODE: 437R2		TITLE OUTLINE SMD COUPLER, 90°, 500 - 2500 MHz. 100W			
IN [MM]	SHEET 1	OF 1	SCALE 2:1	SIZE B	P/N IPP-7017*	REV. A