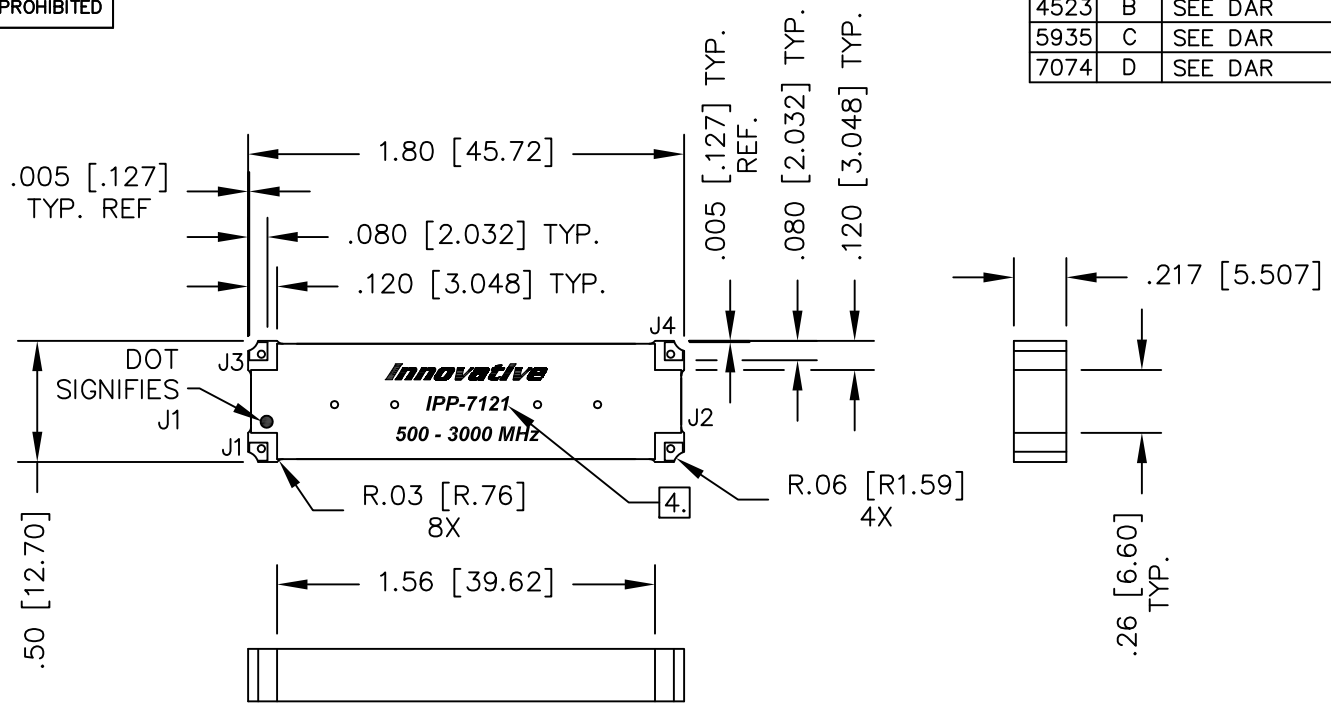


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4523	B	SEE DAR	DG	8-13
5935	C	SEE DAR	TJD	12-15
7074	D	SEE DAR	DG	2-18



- 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-7121	TIN/LEAD
IPP-7121RT	RoHS MATTE TIN
IPP-7121RG	RoHS NICKEL GOLD

ELECTRICAL SPECIFICATIONS

FREQUENCY: 500 – 3000 MHz.
 INSERTION LOSS: <0.60 dB
 VSWR: <1.40:1
 ISOLATION: >14.5dB
 AMPLITUDE BALANCE: ±0.80dB
 PHASE BALANCE: ±5°
 POWER: 200 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 S.Cornell	DATE 4-2-13			
	ENG DG	DATE 4-13			
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE		
	CAGE CODE: 437R2		SMD COUPLER, 90°, 500 - 3000 MHz. 200W		
TOLERANCE	SHEET OF 1 1		SCALE 2:1	SIZE B	P/N IPP-7121*
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°				REV. D