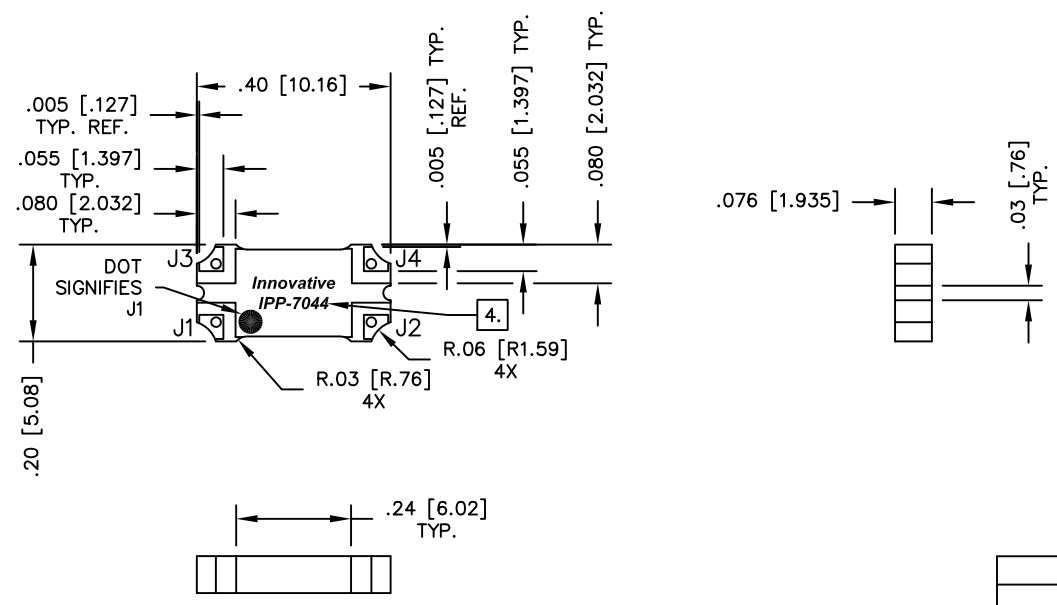


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2312	A	INITIAL RELEASE	TJD	2-10
7074	B	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.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 6000 – 8500 MHz.
 INSERTION LOSS: <0.4 dB
 VSWR: <1.30:1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±.35dB
 PHASE BALANCE: ±6°
 POWER: 100 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7044	TIN/LEAD
IPP-7044RT	RoHS MATTE TIN
IPP-7044RG	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 2-10	Innovative Power Products		
FINISH SEE FINISH CHART	ENG TJD	DATE 2-10			
TOLERANCE	MANUF	DATE	TITLE OUTLINE		
IN [MM]	CAGE CODE: 437R2		SMD COUPLER, 90°, 6000 - 8500 MHz. 100W		
.XX ±.02 [.50]	SHEET OF	SCALE	SIZE	P/N	REV.
.XXX ±.010 [.254]	1 1	4:1	B	IPP-7044*	B
ANG. ±1/2°					