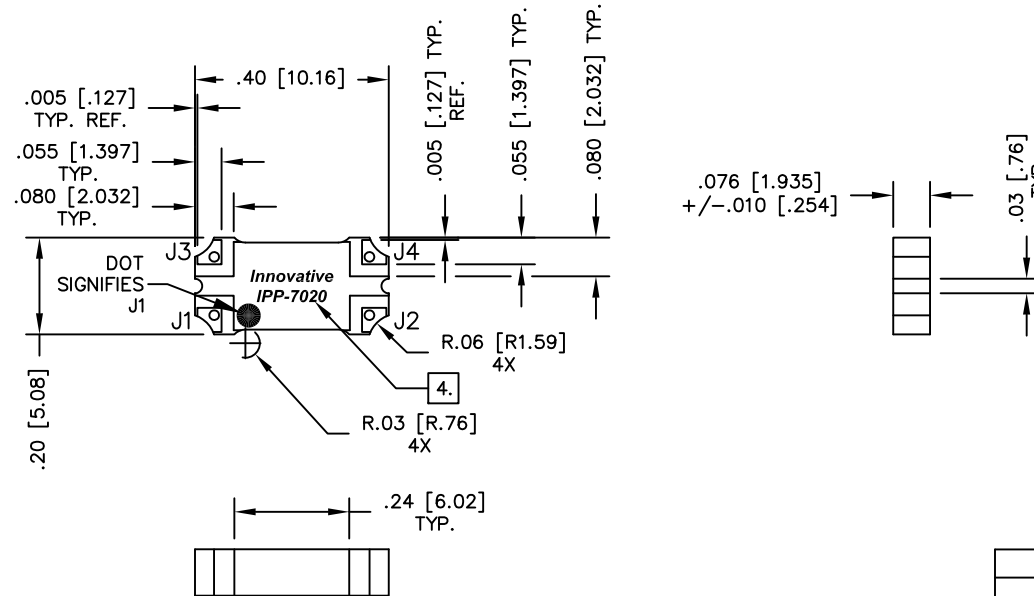


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2111	A	INITIAL RELEASE	DG	10-09
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: 7000 – 8000 MHz.
 INSERTION LOSS: <0.30 dB
 VSWR: <1.30:1
 ISOLATION: >17dB
 AMPLITUDE BALANCE: ±.35dB
 PHASE BALANCE: ±5°
 POWER: 125 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7020	TIN/LEAD
IPP-7020RT	RoHS MATTE TIN
IPP-7020RG	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	8-09						
	ENG	TJD	DATE	8-09						
FINISH SEE FINISH CHART	MANUF	RR	DATE	8-09						
	CAGE CODE: 437R2									
TOLERANCE	SHEET OF 1 1				TITLE	OUTLINE				
IN [MM]	.XX ±.02 [.50]	.XXX ±.010 [.254]	ANG. ±1/2°	SCALE	4:1	SMD COUPLER, 90°, 7000 - 8000 MHz. 125W				
						SIZE	P/N	IPP-7020*	REV.	B