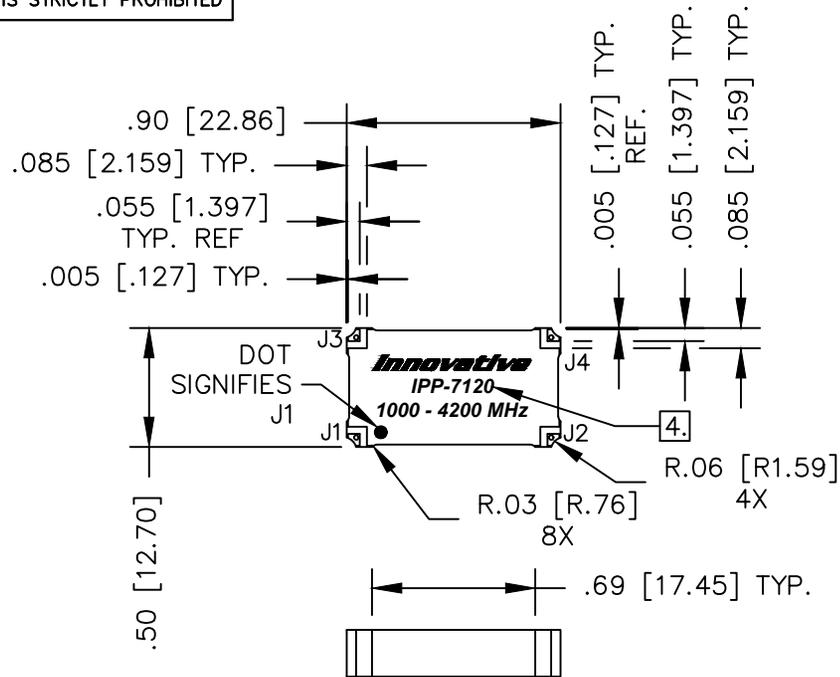


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7125	C	SEE DAR	DG	4-18
10131	D	SEE DAR	DG	7-25
10151	E	SEE DAR	DG	7-25



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.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 1000 - 4200 MHz.
 INSERTION LOSS: <0.50 dB
 VSWR: <1.35:1
 ISOLATION: >16dB
 AMPLITUDE BALANCE: ±0.70dB
 PHASE BALANCE: ±5°
 POWER: 90 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7120	TIN/LEAD
IPP-7120RT	RoHS MATTE TIN
IPP-7120RG	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 S.Cornell	DATE 3-1-13	Innovative Power® Products		
FINISH	ENG DG	DATE 3-13			
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 1000 - 4200 MHz. 90W		
TOLERANCE	CAGE CODE: 437R2		SIZE B	P/N IPP-7120*	REV. E
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET OF 1 1	SCALE 2:1		