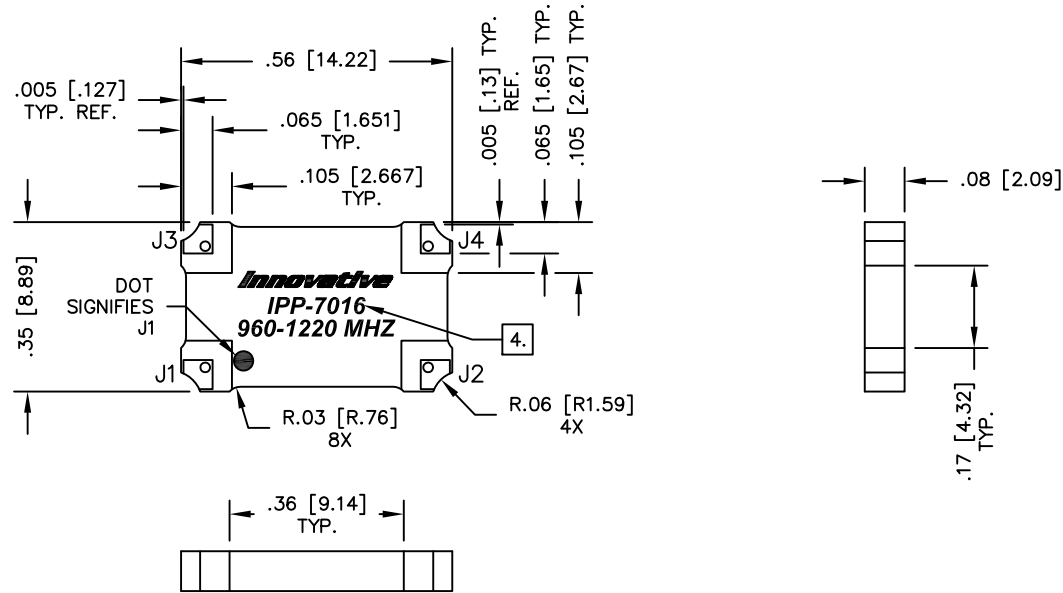


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
3929	C	SEE DAR	TJD	9-12
4565	D	SEE DAR	DG	9-13
7141	E	SEE DAR	DG	5-18



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: 960 - 1220 MHz.
 INSERTION LOSS: 0.25 dB
 VSWR: <1.25:1
 ISOLATION: >20 dB
 AMPLITUDE BALANCE: ±0.25 dB
 PHASE BALANCE: ±5°
 POWER: 200 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7016	TIN/LEAD
IPP-7016RT	RoHS MATTE TIN
IPP-7016RG	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 5-19-09				
FINISH	ENG TJD	DATE 5-19-09				
SEE FINISH CHART	MANUF RR	DATE 5-19-09	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 960 - 1220 MHz. 200W			
IN [MM]	.XX ±.02 [.50]	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7016*	REV. E
	.XXX ±.010 [.254]					
	ANG. ±1/2°					