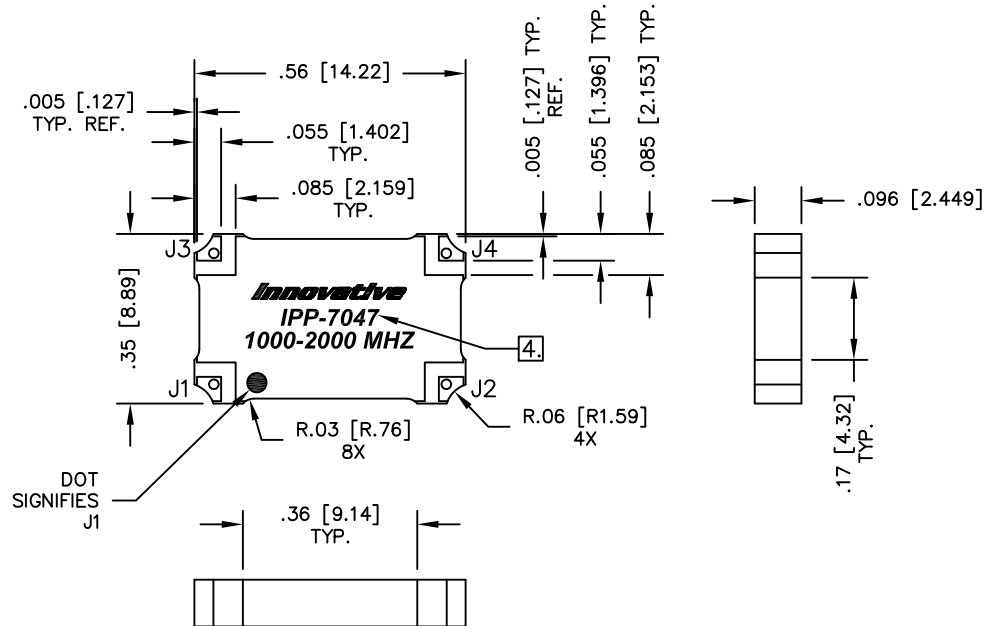


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2372	A	INITIAL RELEASE	DG	3-10
3852	B	SEE DAR	DG	8-12
7491	C	SEE DAR	DG	2-19



**NOTES:**

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS COMPLIANT.
3. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.

[4] SEE CHART FOR PART NUMBER AND FINISH.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 1000 - 2000 MHz.  
 INSERTION LOSS: <0.25 dB  
 VSWR: <1.25:1  
 ISOLATION: >20 dB  
 AMPLITUDE BLANCE: ±0.55 dB  
 PHASE BALANCE: ±5°  
 POWER: 150 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7047	TIN/LEAD
IPP-7047RT	RoHS MATTE TIN
IPP-7047RG	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 3-8-10				
	ENG DG	DATE 3-10				
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
	CAGE CODE: 437R2		SMD COUPLER, 90°, 1000 - 2000 MHZ. 150W			
TOLERANCE	.XX ±.02 [.50]	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7047*	REV. C
IN [MM]	.XXX ±.010 [.254]					
	ANG. ±1/2°					