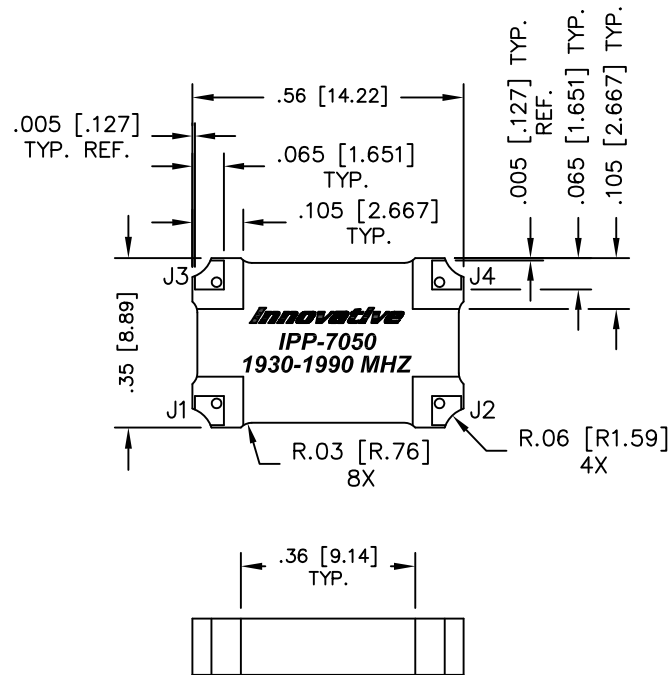


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2427	1	PRE-RELEASE	TJD	4-10
3852	2	SEE DAR	DG	8-12



**PRELIMINARY**  
DIMENSIONS AND SPECIFICATIONS  
ARE SUBJECT TO CHANGE UNTIL  
INITIAL RELEASE OF DRAWING.

FINISH	
P/N	TYPE
IPP-7050	TIN/LEAD
IPP-7050RT	RoHS MATTE TIN
IPP-7050RG	RoHS NICKEL GOLD

**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.

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 1930 - 1990 MHz.  
 INSERTION LOSS: 0.20 dB  
 VSWR: 1.20:1  
 ISOLATION: >20 dB  
 AMPLITUDE BALANCE: ±0.20 dB  
 PHASE BALANCE: ±5°  
 POWER: 150 WATT  
 TEMPERATURE: -55°C TO 85°C

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	4-10	<b>Innovative</b> <i>Power</i> <b>Products</b>	
	ENG	TJD	DATE	4-10		
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
	CAGE CODE: 437R2		SMD COUPLER, 90°, 1930 - 1990 MHz. 150W			
TOLERANCE	SHEET OF		SCALE	SIZE	P/N	REV.
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	1 1	4:1	B	IPP-7050*	2