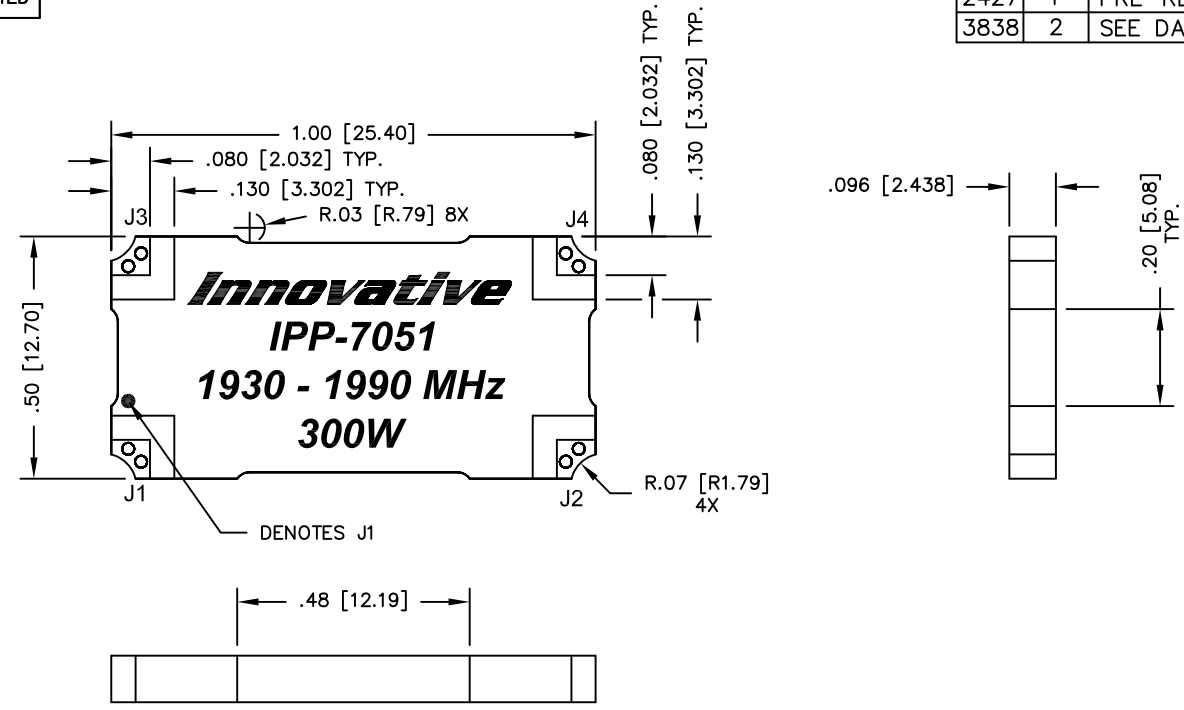


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2427	1	PRE-RELEASE	TJD	4-10
3838	2	SEE DAR	DG	8-12



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

- 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: < 0.15 dB  
 VSWR: < 1.25:1  
 ISOLATION: > 20 dB  
 AMPLITUDE BALANCE: ±0.25 dB  
 PHASE BALANCE: ±5°  
 POWER: 300 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7051	TIN/LEAD
IPP-7051RT	RoHS MATTE TIN
IPP-7051RG	RoHS NICKEL GOLD

PORT CONFIGURATION				
INPUT	A	B	C	D
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	
	ENG	TJD	DATE	4-10	
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 1930 - 1990 MHz 300W		
	CAGE CODE: 437R2		SIZE	P/N	
TOLERANCE	SHEET OF		SCALE	REV.	
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	1 1	4:1	2	