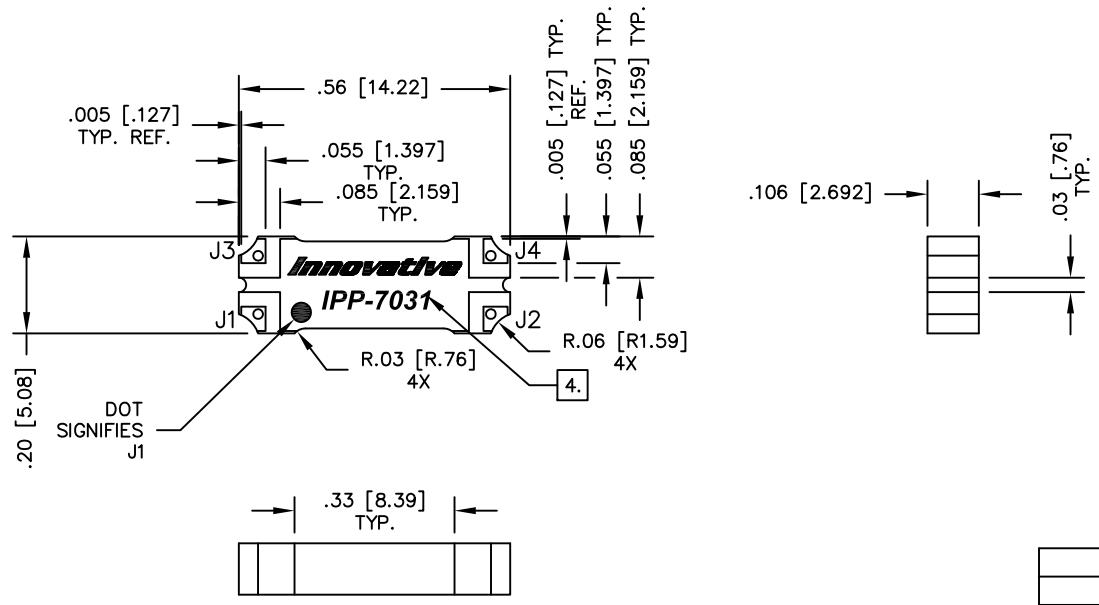


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
2118	A	INITIAL RELEASE	DG	11-09
3851	B	SEE DAR	DG	8-12
7147	C	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: 2600 – 6100 MHz.  
 INSERTION LOSS: <0.30 dB  
 VSWR: <1.30:1  
 ISOLATION: >18dB  
 AMPLITUDE BALANCE: ±.75dB  
 PHASE BALANCE: ±5°  
 POWER: 100 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7031	TIN/LEAD
IPP-7031RT	RoHS MATTE TIN
IPP-7031RG	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 DG	DATE 7-08			
FINISH	ENG TJD	DATE 7-08			
TOLERANCE	MANUF TP	DATE 7-08	TITLE OUTLINE		
IN [MM]	CAGE CODE: 437R2		SMD COUPLER, 90°, 2600 - 6100 MHz. 100W		
.XX ±.02 [.50]	SHEET OF 1 1	SCALE 4:1	SIZE B	P/N IPP-7031*	REV. C
.XXX ±.010 [.254]					
ANG. ±1/2°					