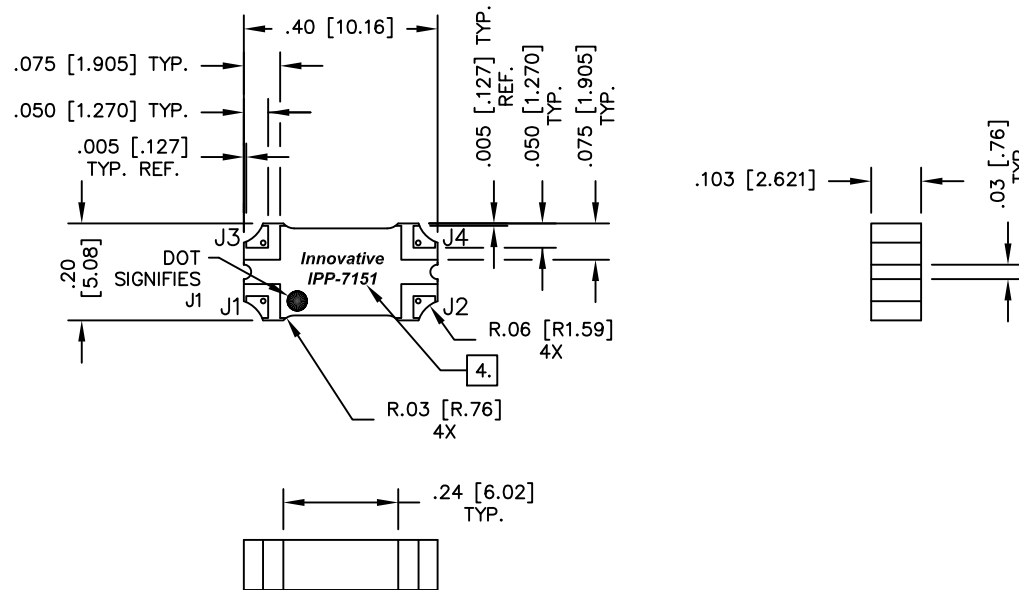


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
7076	A	INITIAL RELEASE	DG	3-18



**NOTES:**

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS MATTE TIN FINISH 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: 3000 – 9000 MHz.  
 INSERTION LOSS: <0.30 dB  
 VSWR: <1.35:1  
 ISOLATION: >16dB  
 AMPLITUDE BALANCE: ±1.00dB  
 PHASE BALANCE: ±7°  
 POWER: 100 WATT  
 TEMPERATURE: –55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7151	TIN/LEAD
IPP-7151RT	RoHS MATTE TIN

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 2-2-17				
FINISH	ENG DG	DATE 2-17				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 3000 - 9000 MHz. 100W			
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7151*	REV. A