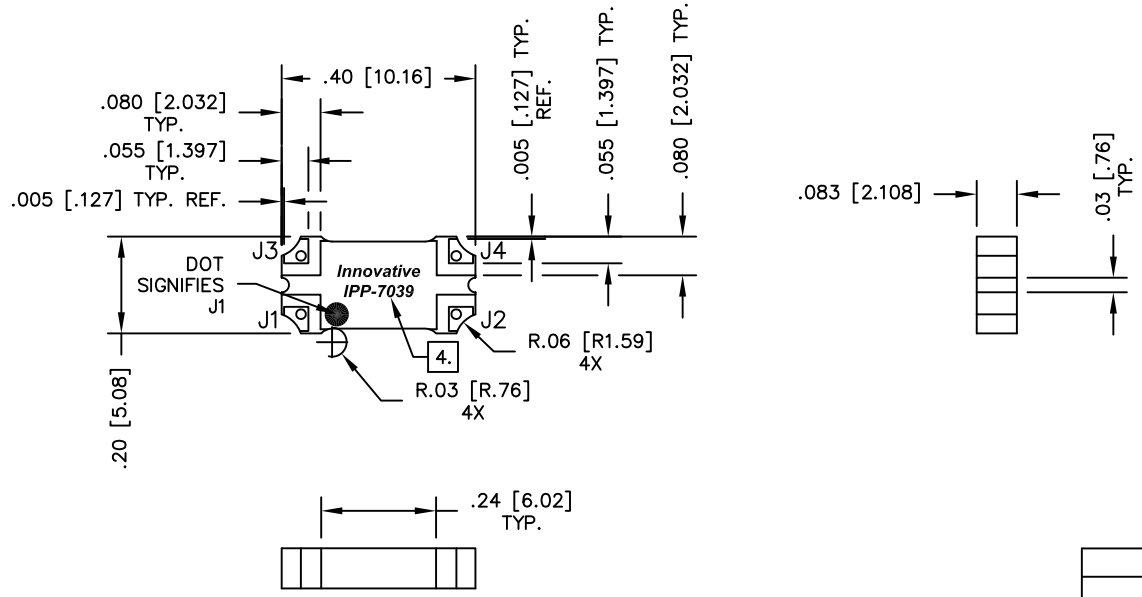


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4371	B	SEE DAR	DG	6-13
5316	C	SEE DAR	TJD	12-14
7550	D	SEE DAR	DG	3-19



- 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: 4000 – 8000 MHz.  
 INSERTION LOSS: <0.30 dB  
 VSWR: <1.30:1  
 ISOLATION: >17dB  
 AMPLITUDE BALANCE: ±0.60dB  
 PHASE BALANCE: ±6°  
 POWER: 75 WATT  
 TEMPERATURE: -55°C TO 85°C

FINISH	
P/N	TYPE
IPP-7039	TIN/LEAD
IPP-7039RT	RoHS MATTE TIN
IPP-7039RG	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 12-09				
FINISH	ENG TJD	DATE 12-09				
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE			
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, 90°, 4000 - 8000 MHz. 75W			
IN [MM]	SHEET 1	OF 1	SCALE 4:1	SIZE B	P/N IPP-7039*	REV. D