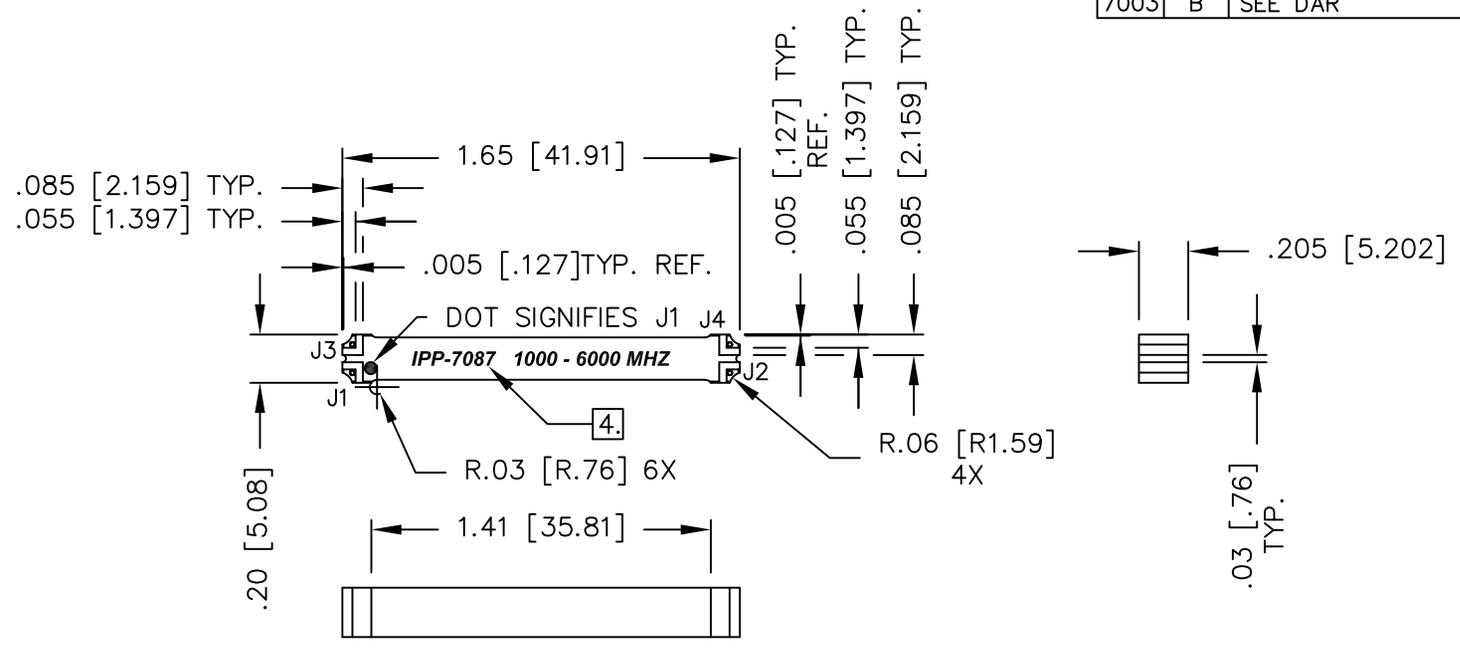


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5871	A	INITIAL RELEASE	DG	11-15
7003	B	SEE DAR	DG	1-18



- NOTES:**
- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION
  - PARTS WITH RoHS MATTE TIN ARE RoHS COMPLIANT.
  - AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
  - SEE CHART FOR PART NUMBER AND FINISH.

FINISH	
P/N	TYPE
IPP-7087	TIN/LEAD
IPP-7087RT	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	---

**ELECTRICAL SPECIFICATIONS**

FREQUENCY: 1000 - 6000 MHz.  
 INSERTION LOSS: <0.75 dB  
 VSWR: <1.35:1  
 ISOLATION: >15dB  
 AMPLITUDE BALANCE: ±0.80dB  
 PHASE BALANCE: ±5°  
 POWER: 100 WATT  
 TEMPERATURE: -55°C TO 85°C

MATERIAL	DWN S.Cornell	DATE 8-10-11			
	ENG DG	DATE 8-11			
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE		
	CAGE CODE: 437R2		SMD COUPLER, 90°, 1000 - 6000 MHz. 100W		
TOLERANCE	SHEET OF		SCALE	SIZE	P/N
IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	1 1	2:1	B	IPP-7087*
					REV. B