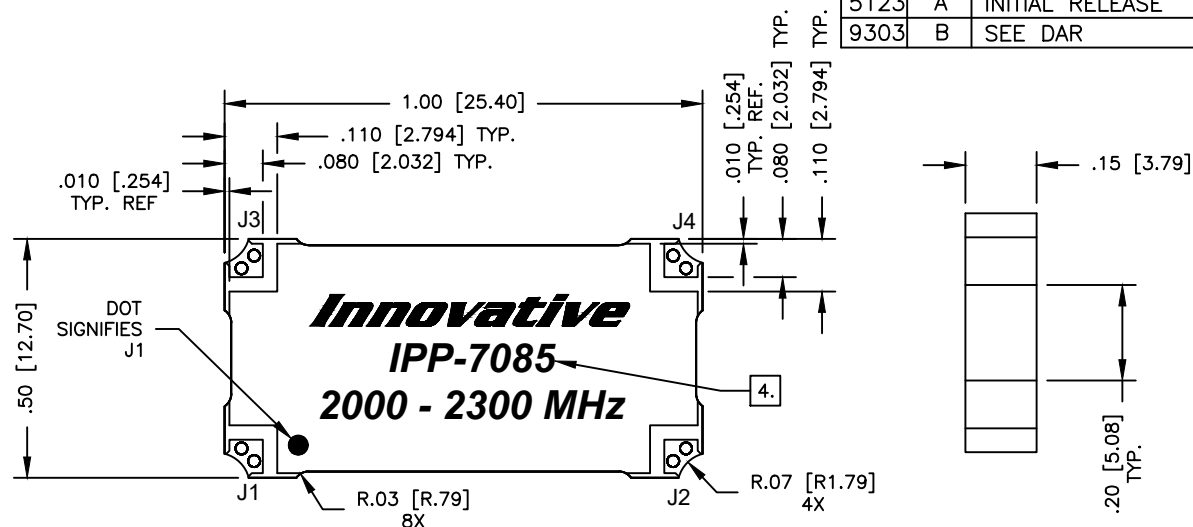


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
5123	A	INITIAL RELEASE	DG	8-14
9303	B	SEE DAR	DG	5-23

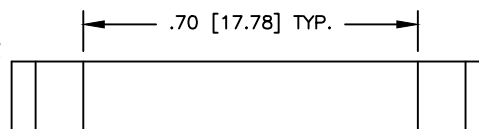


NOTES:

- SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- PARTS WITH RoHS MATTE TIN AND RoHS NICKEL GOLD FINISHES ARE RoHS AND REACH COMPLIANT.
- AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
- SEE CHART FOR PART NUMBER AND FINISH.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY: 2000 - 2300 MHz.
 INSERTION LOSS: <0.15 dB
 VSWR: <1.20:1
 ISOLATION: >20 dB
 AMPLITUDE BALANCE: ±0.30 dB
 PHASE BALANCE: ±3°
 POWER: 300 WATT
 TEMPERATURE: -55°C TO 85°C



FINISH		
P/N	TYPE	COMPLIANCE
IPP-7085	TIN/LEAD	---
IPP-7085RT	MATTE TIN	RoHS & REACH
IPP-7085RG	MATTE TIN	RoHS & REACH

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 7-22-11	<i>Innovative</i> <i>Power</i> <i>Products</i>			
	ENG TJD	DATE 7-11				
FINISH SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE SMD COUPLER, 90°, 2000 - 2300 MHz. 300W			
	CAGE CODE: 437R2					
TOLERANCE IN [MM]	.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	SHEET 1 OF 1	SCALE 4:1	SIZE B	P/N IPP-7085*	REV. B