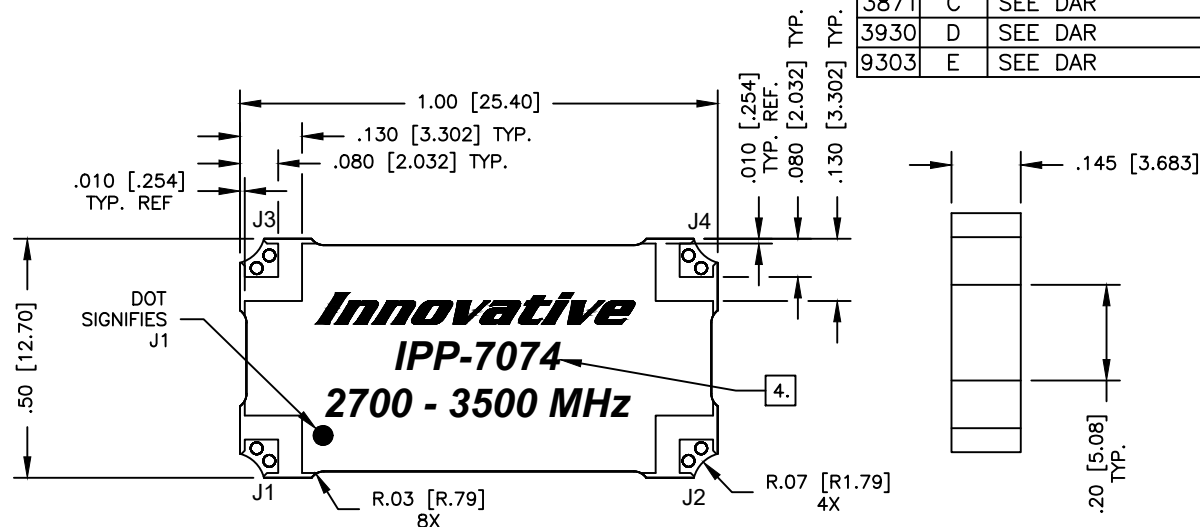


UNAUTHORIZED USE OF THIS
DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
3871	C	SEE DAR	DG	8-12
3930	D	SEE DAR	TJD	9-12
9303	E	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: 2700 - 3500 MHz.
 INSERTION LOSS: <0.20 dB
 VSWR: <1.30:1
 ISOLATION: >18 dB
 AMPLITUDE BALANCE: ±0.25 dB
 PHASE BALANCE: ±5°
 POWER: 300 WATT
 TEMPERATURE: -55°C TO 85°C

FINISH		
P/N	TYPE	COMPLIANCE
IPP-7074	TIN/LEAD	---
IPP-7074RT	MATTE TIN	RoHS & REACH
IPP-7074RG	NICKEL GOLD	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	DG	DATE	3-11			<i>Innovative</i> <i>Power</i> <i>Products</i>		
FINISH		ENG	TJD	DATE	3-11					
SEE FINISH CHART		MANUF		DATE		TITLE				
TOLERANCE		CAGE CODE: 437R2				SMD COUPLER, 90°, 2700 - 3500 MHz. 300W				
.XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°		SHEET 1 OF 1		SCALE 4:1		SIZE B	P/N IPP-7074*			REV. E