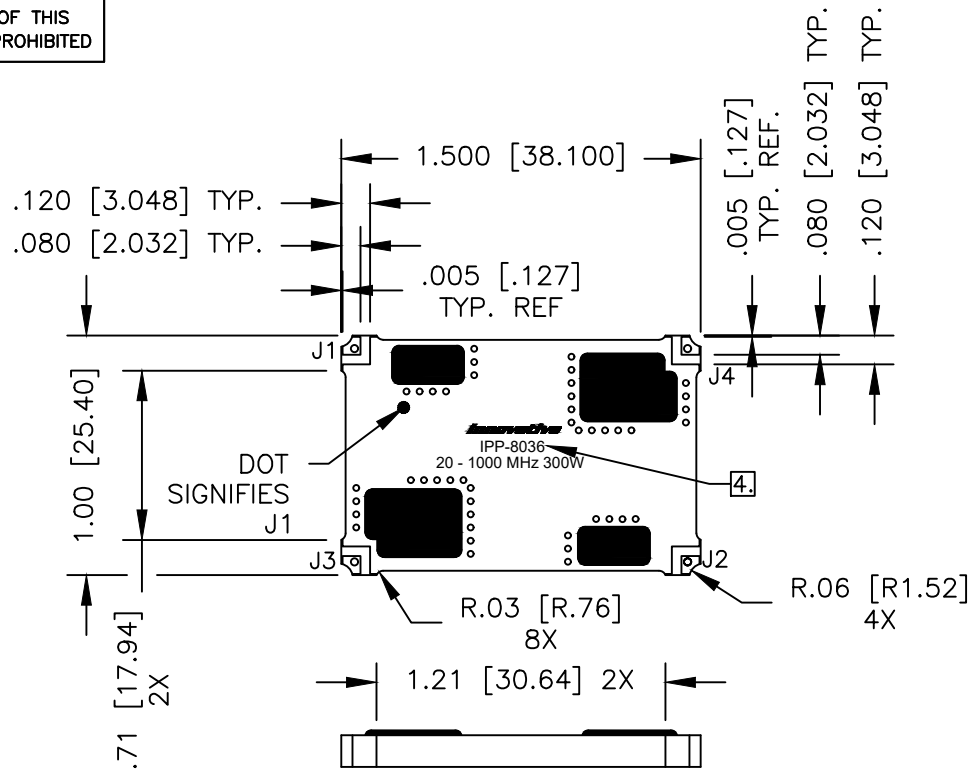
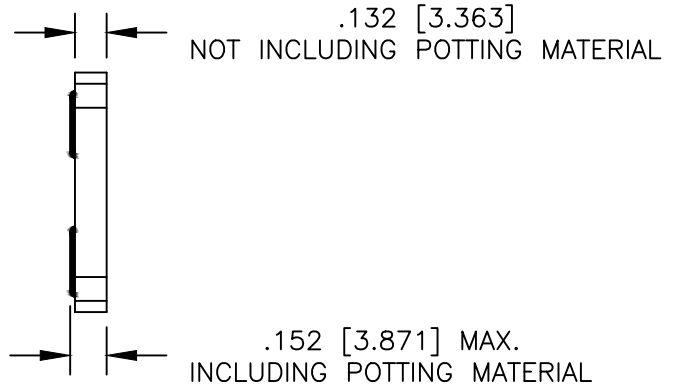


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DRAWING IS STRICTLY PROHIBITED



DAR	REV	DESCRIPTION	APPVD	DATE
6887	Q	SEE DAR	DG	10-17
8121	R	SEE DAR	TJD	4-20
9410	S	SEE DAR	DG	8-23



NOTES:

1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. PARTS WITH RoHS 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.
5. DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE UPON REQUEST.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	20 - 1000 MHz.
INSERTION LOSS:	<0.29 dB
MAIN LINE VSWR:	<1.25:1
DIRECTIVITY:	>20dB
COUPLING:	50.0±1.5dB
COUPLED FLATNESS:	±0.6dB
POWER:	300 WATT
TEMPERATURE:	-55°C TO 85°C

FINISH AND MAX REFLOW TEMPERATURE		
P/N	TYPE	MAX REFLOW TEMP
IPP-8036	TIN/LEAD	220°C
IPP-8036RT	RoHS MATTE TIN	260°C

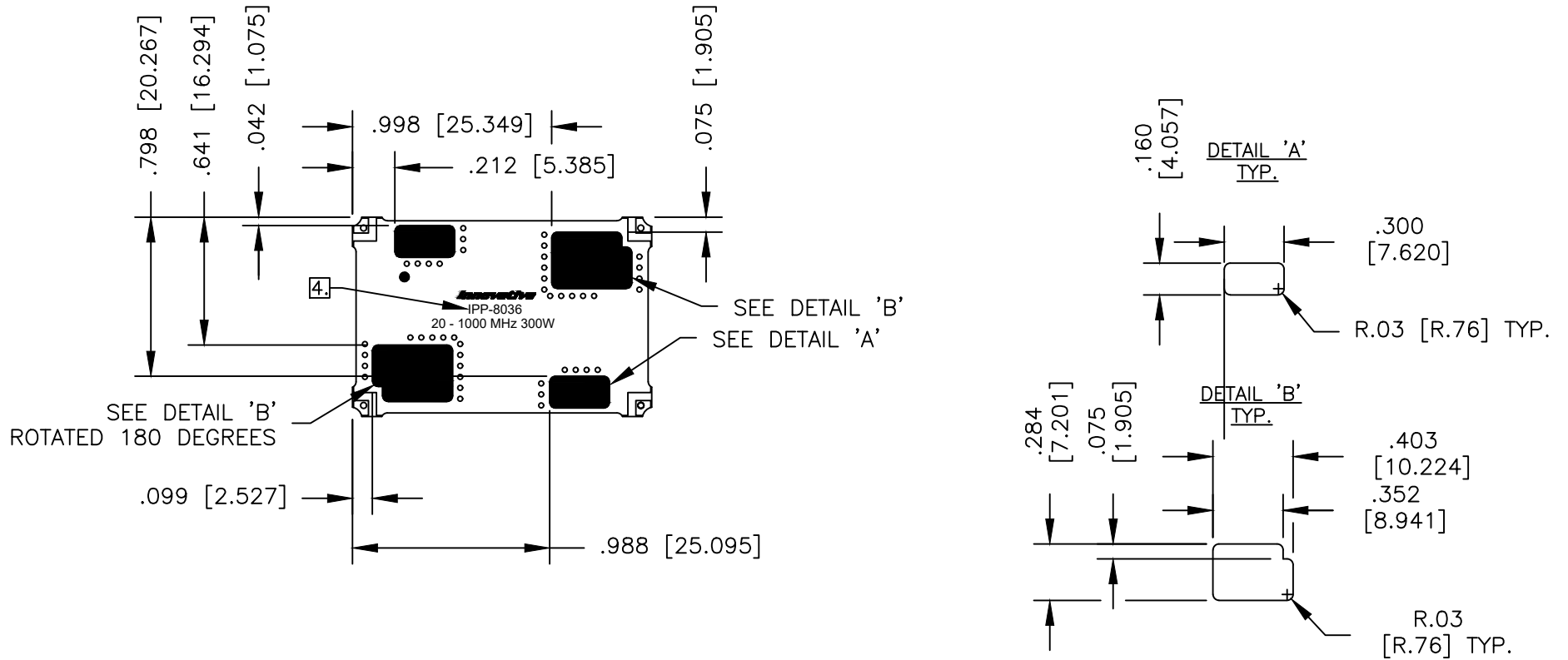
PORT CONFIGURATION			
INPUT	OUTPUT	FORWARD COUPLED	REFLECTED COUPLED
J1	J2	J3	J4
J2	J1	J4	J3

MATERIAL	DWN S.Cornell	DATE 6-14-10	Innovative Power Products		
FINISH	ENG DG	DATE 6-10			
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE		
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, DDC, 20 - 1000 MHz. 300W		
IN [MM]	SHEET OF 1 2	SCALE 2:1	SIZE B	P/N IPP-8036*	REV. S
.xx ±.02 [.50]					
.xxx ±.010 [.254]					
ANG. ±1/2°					

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DAR	REV	DESCRIPTION	APPVD	DATE
6887	Q	SEE DAR	DG	10-17
8121	R	SEE DAR	TJD	4-20
9410	S	SEE DAR	DG	8-23

POCKET DETAIL



MATERIAL	DWN S.Cornell	DATE 6-14-10	Innovative Power Products		
FINISH	ENG DG	DATE 6-10			
SEE FINISH CHART	MANUF	DATE	TITLE OUTLINE		
TOLERANCE	CAGE CODE: 437R2		SMD COUPLER, DDC, 20 - 1000 MHz. 300W		
IN [MM]	SHEET OF 2 2	SCALE 2:1	SIZE B	P/N IPP-8036*	REV. S
.XX ±.02 [.50]					
.XXX ±.010 [.254]					
ANG. ±1/2°					