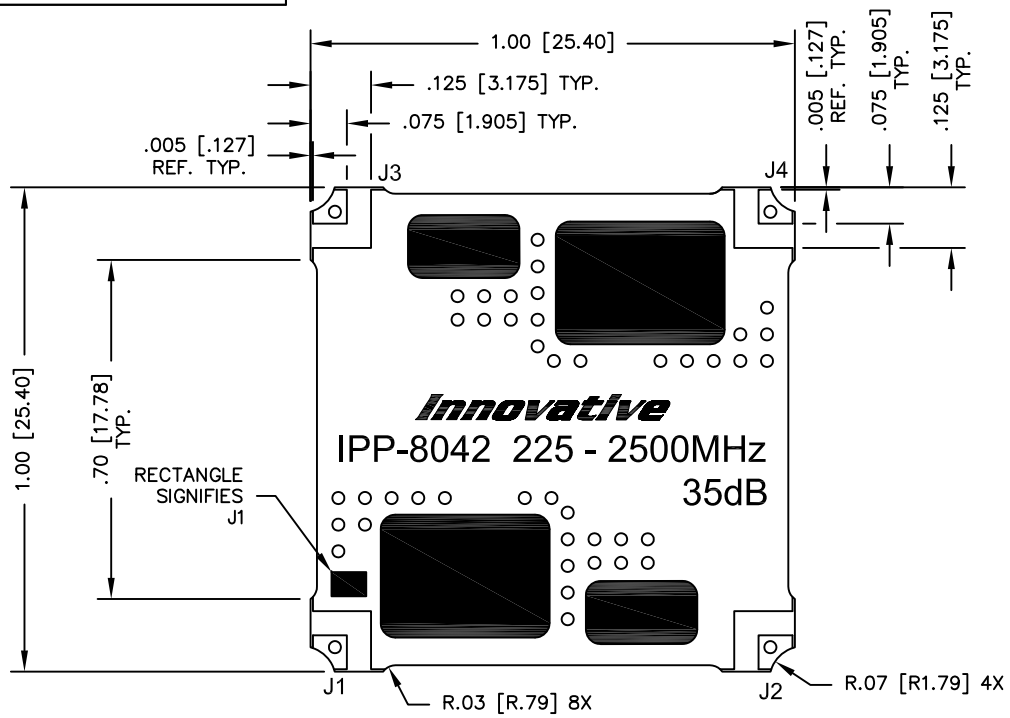
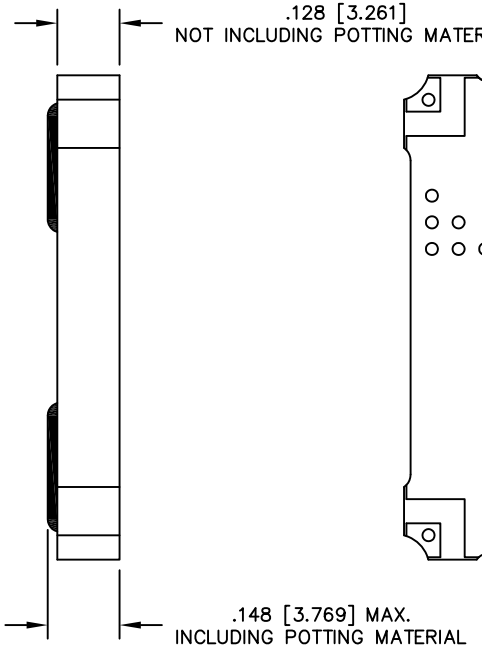
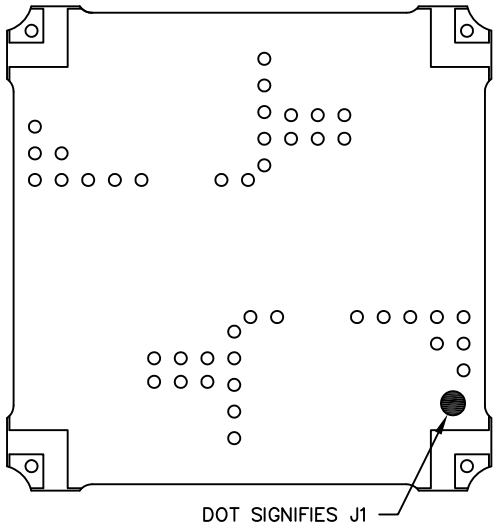
UNAUTHORIZED USE OF THIS DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
4355	H	SEE DAR	DG	6–13
4450	J	SEE DAR	DG	7–13
6646	K	SEE DAR	DG	4–17







NOTES:
1. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
2. AVAILABLE IN TAPE AND REEL. SEE SMD COUPLER APPLICATION NOTE FOR FURTHER INFORMATION.
3. DO NOT EXCEED 220°C WHEN INSTALLING COUPLER.

ELECTRICAL SPECIFICATIONS

FREQUENCY:	225 – 2500 MHz.
INSERTION LOSS:	<0.30 dB
MAIN LINE VSWR:	<1.25:1
COUPLING:	35dB ±1.5 dB
DIRECTIVITY:	>18 dB
COUPLED FLATNESS:	±1.0dB
POWER:	100 WATT
TEMPERATURE:	–55°C TO 85°C

FINISH	
P/N	TYPE
IPP–8042	TIN/LEAD

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

MATERIAL ———	DWN S.Cornell	DATE 10-22-10	Innovative Power Products
FINISH SEE FINISH CHART	ENG DG	DATE 10-10	TITLE OUTLINE, SMD COUPLER DUAL DIRECTIONAL, 225 - 2500 MHz. 100W
TOLERANCE IN [MM] .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	MANUF	DATE	
	CAGE CODE: 437R2		
	SHEET 1 OF 1	SCALE 4:1	SIZE B / P/N IPP-8042* / REV. K