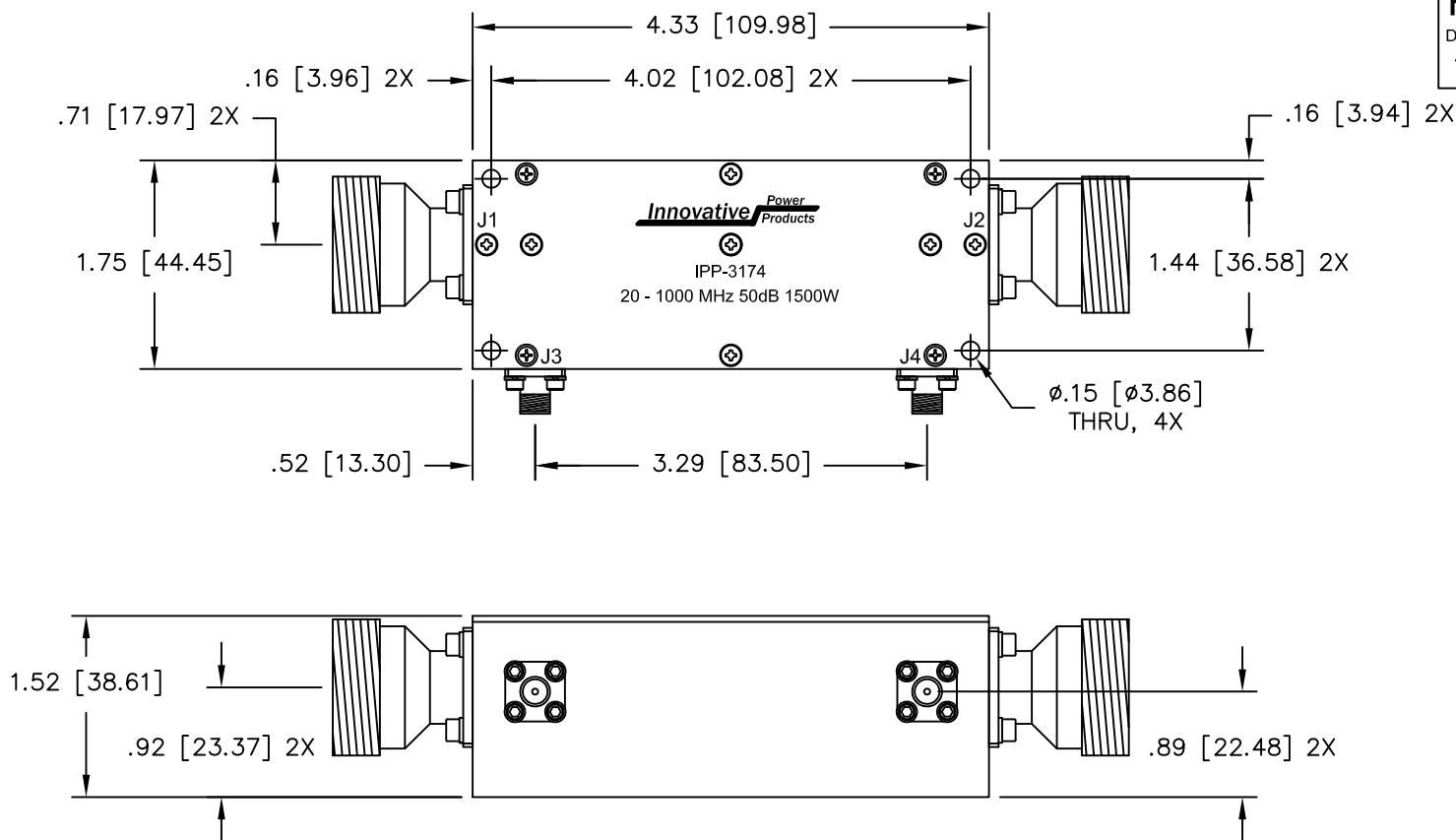


DAR	REV	DESCRIPTION	APPVD	DATE
3828	1	PRE-RELEASE	DG	8-12

DIMENSIONS AND SPECIFICATIONS
ARE SUBJECT TO CHANGE UNTIL
INITIAL RELEASE OF DRAWING.



1. CONNECTOR J1 & J2:
TYPE 7-16-F
CONNECTOR J3 & J4:
TYPE SMA-F

FREQUENCY:	20 — 1000 MHz.
INSERTION LOSS:	<0.35 dB
VSWR:	<1.25:1
COUPLING:	50dB ±1.5dB
DIRECTIVITY:	>20dB
COUPLED FLATNESS:	±0.60dB
POWER:	1500 WATTS
TEMPERATURE:	–55°C TO 85°C

INPUT	OUTPUT	FORWARD COUPLING	REFLECTED COUPLING
J1	J2	J3	J4
J2	J1	J4	J3

MATERIAL	AL. ALLOY	DWN	S.Cornell	DATE	8-2-12		
	6061-T651	ENG	DG	DATE	8-12		
FINISH	CHEM FILM CLEAR	MANUF		DATE		TITLE DUAL DIRECTIONAL COUPLER 20 - 1000 MHz. 1500 WATT, 50 dB	
	PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT						
TOLERANCE	.XX ±.02	CAGE CODE: 437R2		SIZE B		P/N IPP-3174	
	.XXX ±.010						
	ANG. ±1/2°	SHEET 1	OF 1	SCALE 1:1		REV. 1	