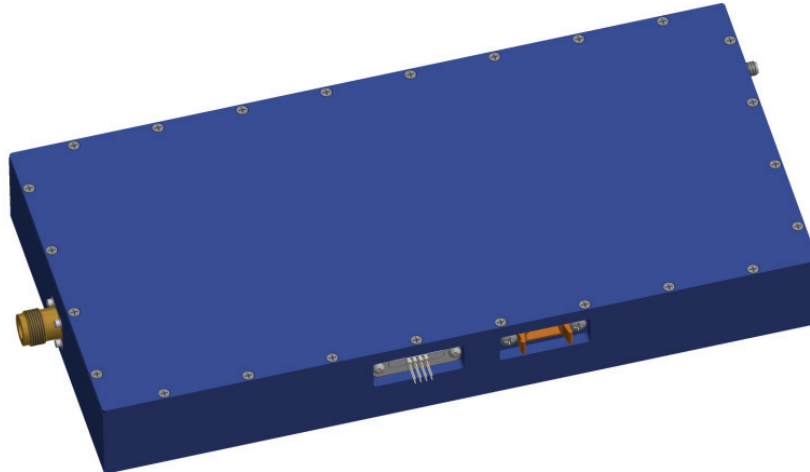


MEC 7011U

200W CW SSPA

225 MHz – 400 MHz

- CW
- 100 W Minimum Power
- 225-400 MHz
- Gain Flatness +/-1.6 dB
- 600 W Typ. Prime Power
- -40 dBm/MHz Typ. Noise Power Density
- 53 dB Typical Rated Gain
- 12.5" L x 6" W x 1.5" H (317 x 150 x 3.75 cm)
- Weight 5 lbs. Max.
- -40° to 85° C
- Rack Mount Configurable



RF Performance

Freq (GHz)	Typ. Sat. Power Output (W)	Min. Spec. Power Output (W)	Typ. Gain @ Spec. Power (dB)
225	120	100	53
243	125	100	53
270	135	100	53
291	230	160	53
300	230	160	53
318	230	160	53
325	150	100	53
350	150	100	53
400	125	100	53

Power Supply Requirements

Voltage Min.	Voltage Max.	Current Max.
48Vdc	50Vdc	12.0 A

Connectors

DC	Monitor	RFin	RF out
Screw Terminal	9 pin Dsub	SMA	Type N

Monitoring Options

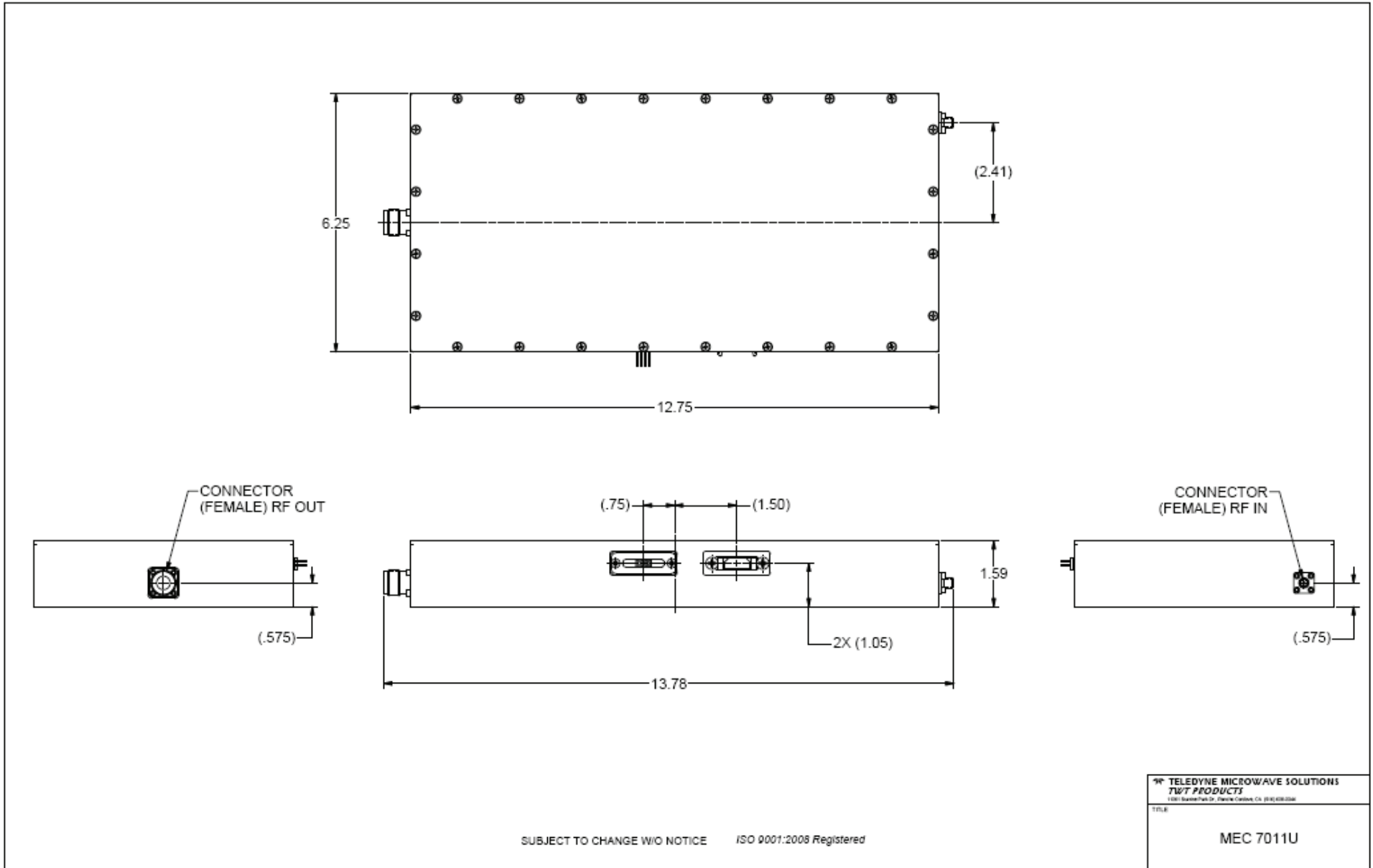
Pout, lavg, Gain, Temperature

Typical power output is shown to illustrate capability.

Performance

	Typical	Spec
Input VSWR:.....	1.4:1	2.0:1
Max. Duty	CW	CW
Max. Pulsewidth	N/A	N/A
Noise Power Density (dBm/MHz)	-40	-30
Prime Power	500 W	600 W

This model number is controlled by the International Traffic in Arms Regulations, and can only be exported via a U.S. Department of State export license. They may not be transferred, transshipped on a non-continuous voyage, or otherwise be disposed of in any other country, either in their original form or after being incorporated into other end-items, without the prior written approval of the U.S. Department of State.



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