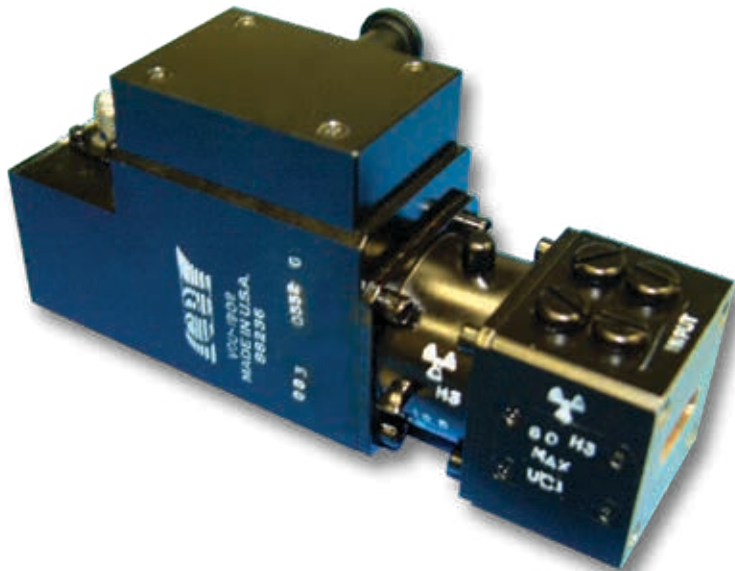


Communications & Power Industries Receiver Protector



With a history of producing high quality products, we can help your with receiver protector.

Contact us at BMDMarketing@cpil.com
or at call us at +1 978-922-6000.

FEATURES:

- High power
- BITE output reports unit status
- Waveguide input; SMA(F) output

BENEFITS:

- World's largest manufacturer of receiver protectors
- State of the art facility with high level of vertical integration
- Extensive high power test capability
- In-house environmental test facility
- Computer modeling and automatic test capabilities

APPLICATIONS:

- Missile seekers
- Airborne radars
- Unmanned Aerial Vehicles (UAV)
- Ground based systems
- Naval radars
- Air traffic control radars
- Weather radars

CPI Ku-Band 15 kW Receiver Protector: VDU1902

Electrical Specifications

Operating frequency	13.4 – 14.0 GHz
Maximum power	15 kW peak
Maximum pulsewidth*	0.35 uSec
Maximum duty cycle**	0.0013
Maximum insertion loss	1.2 dB
Maximum VSWR	1.4:1
Maximum spike leakage power	100 mW
Maximum flat leakage power	50 mW
Maximum recovery time (-1dB)	2.0 uSec

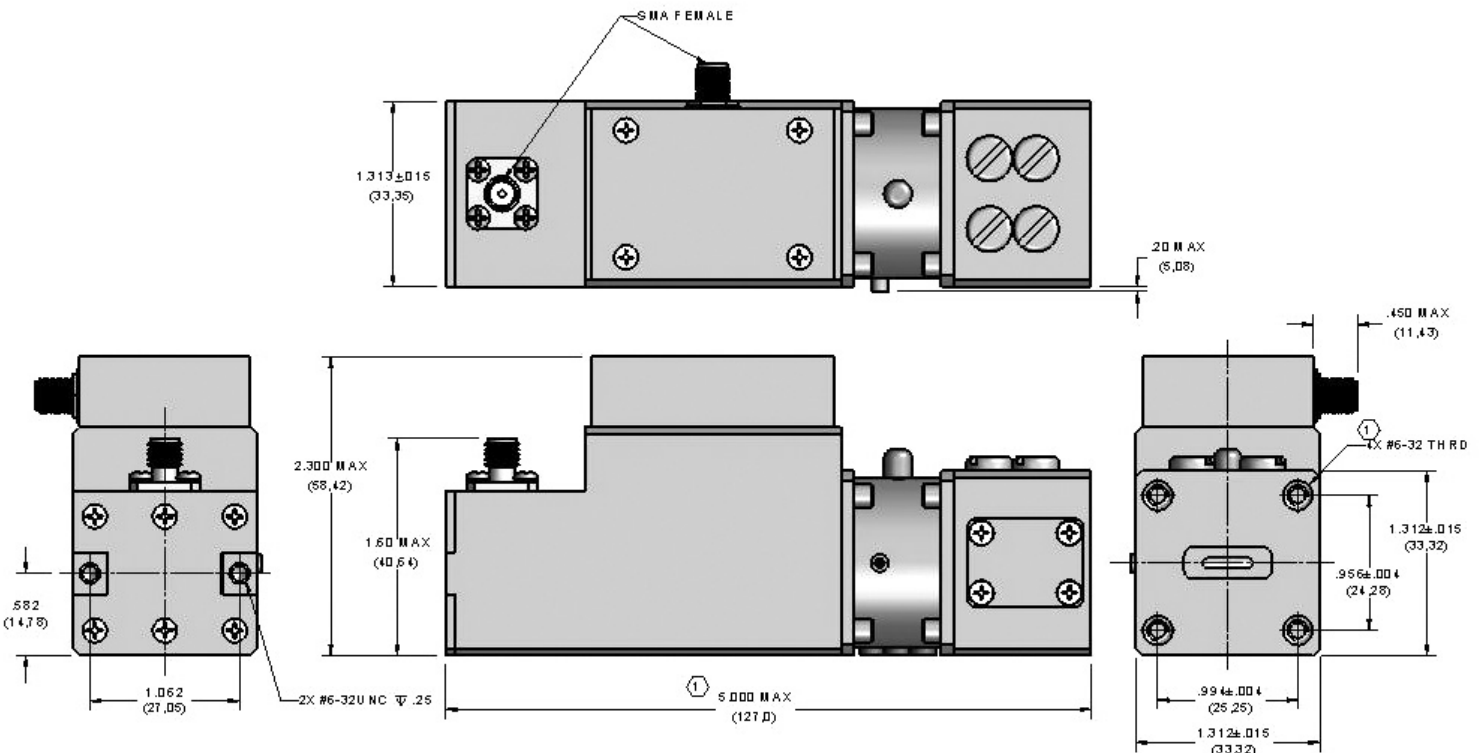
Integral BITE function provides output to validate status. See product specification for details.

Mechanical and Environmental Specifications

RF input	WR62
RF output	SMA(F)
Dimensions	See outline drawing
Non-operating temperature	-40 ^o to +65 ^o C
Operating temperature	-20 ^o to +50 ^o C
Internal WG pressure (input)	15 PSI
Humidity	95% @ +30 ^o C

See product specification for other detailed environmental specifications

Dimensions in inches (mm)



Beverly Microwave Division
 150 Sohier Road
 Beverly, Massachusetts
 USA 01915

tel +1 978-922-6000
 email BMDMarketing@cpii.com
 fax +1 978-922-8914
 web www.cpii.com

For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

©2020 Communications & Power Industries LLC. Company proprietary; use and reproduction is strictly prohibited without written authorization from CPI.