# **Communications & Power Industries Receiver Protector**



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

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

#### FEATURES:

- High power
- Wide pulse, high duty operation
- Small size

#### **BENEFITS**:

- World's largest manufacturer of receiver protectors
- State of the art facility with high level of vertical integration
- Extensive high power test capabilty
- In-house environmental tes 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



www.cpii.com/bmd

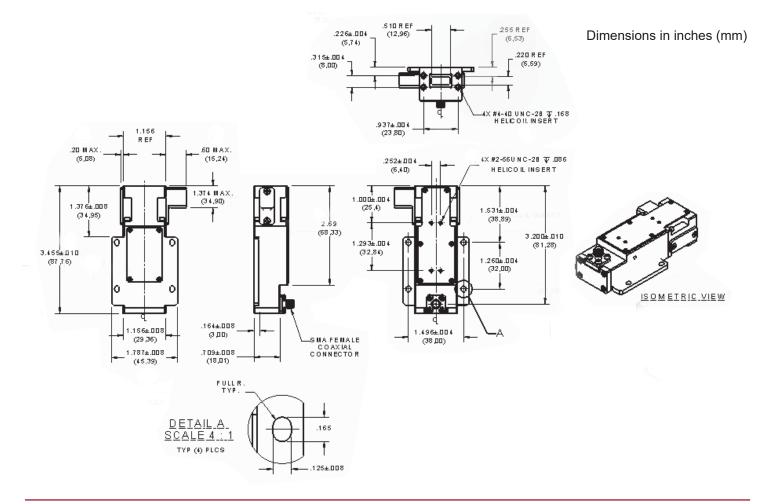
## CPI Ku-Band 4 kW Receiver Protectorr: VDU1923

<b>Electrical Specifications</b>	
Operating frequency	16.75 – 17.25 GHz
Maximum overload power	4000 W peak
Maximum operating power	400 W peak
Maximum pulsewidth	100 uSec
Maximum duty cycle	10%
Maximum insertion loss @ 23° C	1.1 dB
Maximum VSWR	1.4:1
Maximum spike leakage power	+17 dBm
Maximum flat leakage power	+15 dBm
Maximum recovery time (-3dB)	

### Mechanical and Environmental **Specifications**

RF input	WR51
RF output	SMA(F)
Dimensions	See outline drawing
Operating temperature	-40 <sup>°</sup> to +66 <sup>°</sup> C

Maximum recovery time (-3dB) 1.0 uSec



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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.

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