

CPI Electron Device Business - Switch Limiter



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

Contact us at ElectronDevices@cpi-edb.com or at call us at +1 978-922-6000.

FEATURES:

- Wide pulse, high duty operation
- Passive/Active receiver protector
- BITE output for status monitoring

BENEFITS:

- World's largest manufacturer of high power receiver protector and switch products
- 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

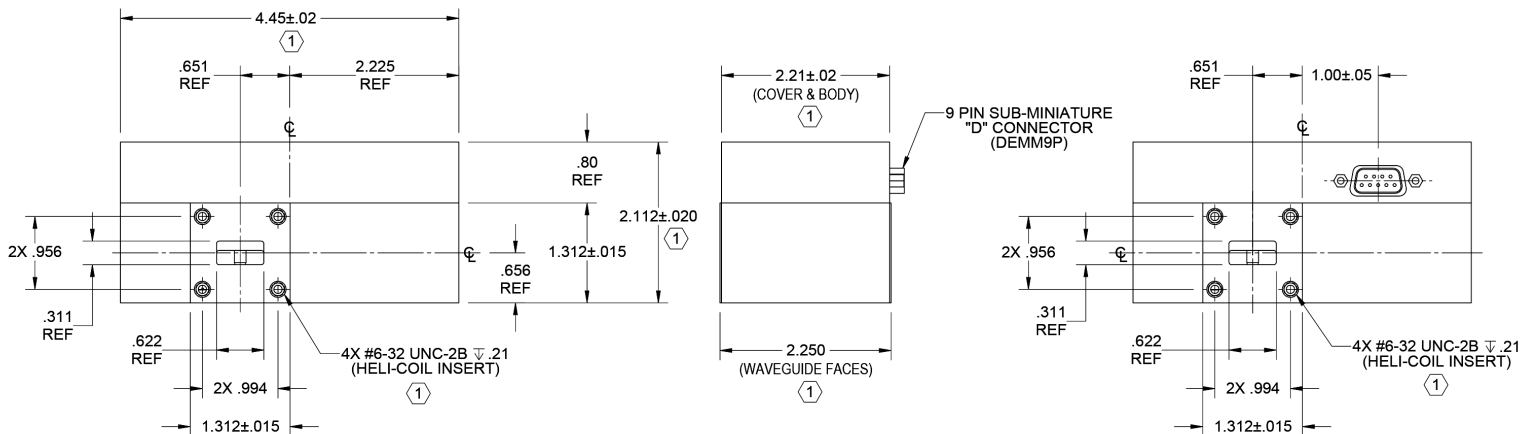
CPI EDB Ku-Band 20 W SPST Switch: VLU2038

Electrical Specifications

Operating frequency	15.7 – 17.7 GHz
Maximum power	20 W peak
Maximum pulsewidth	125 μ Sec
Maximum duty cycle	
Switch mode	50%
Limiter mode	10%
Maximum insertion loss	0.8 dB
Maximum VSWR	1.5:1
Minimum switched attenuation	35 dB
Maximum switching speed	2 μ Sec
Passive protection	– See product specification for details
BITE output	– See product specification for details

Mechanical and Environmental Specifications

RF input and output	WR62
Power & control connector	9-pin D subminiature
Bias supplies	+28 VDC @ 150 mA max -15 VDC @ 50 mA max
Command input	Differential TTL RS-422 compatible
Dimensions	See outline drawing
Operating temperature	+10° to +40° C
Storage temperature	+40° to +70° C
Humidity	20% - 80%
See product specification for other details	



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

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