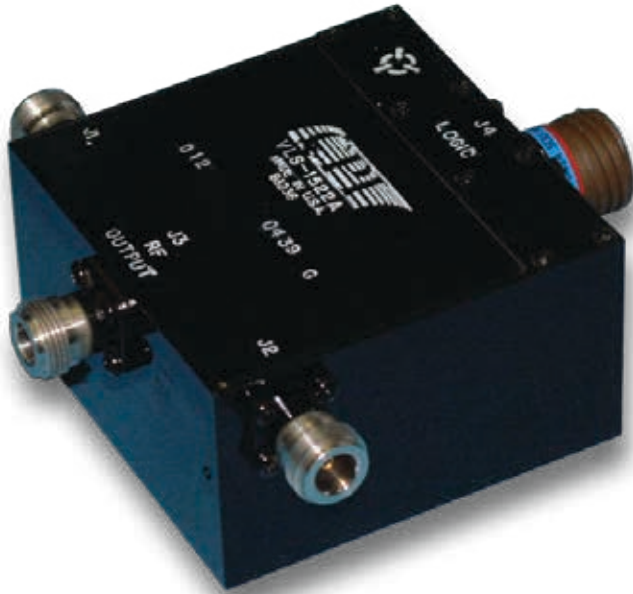


## Communications & Power Industries Switch



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

Contact us at [BMDMarketing@cpil.com](mailto:BMDMarketing@cpil.com) or at call us at +1 978-922-6000.

### FEATURES:

- Wide pulse, high duty operation
- Hermetically sealed body
- Cold switched

### 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:

- Military radar systems
- Commercial radar systems
- Military communications
- Electronic warfare systems

# CPI S-Band 1000 W SPDT Switch: VLS1522A

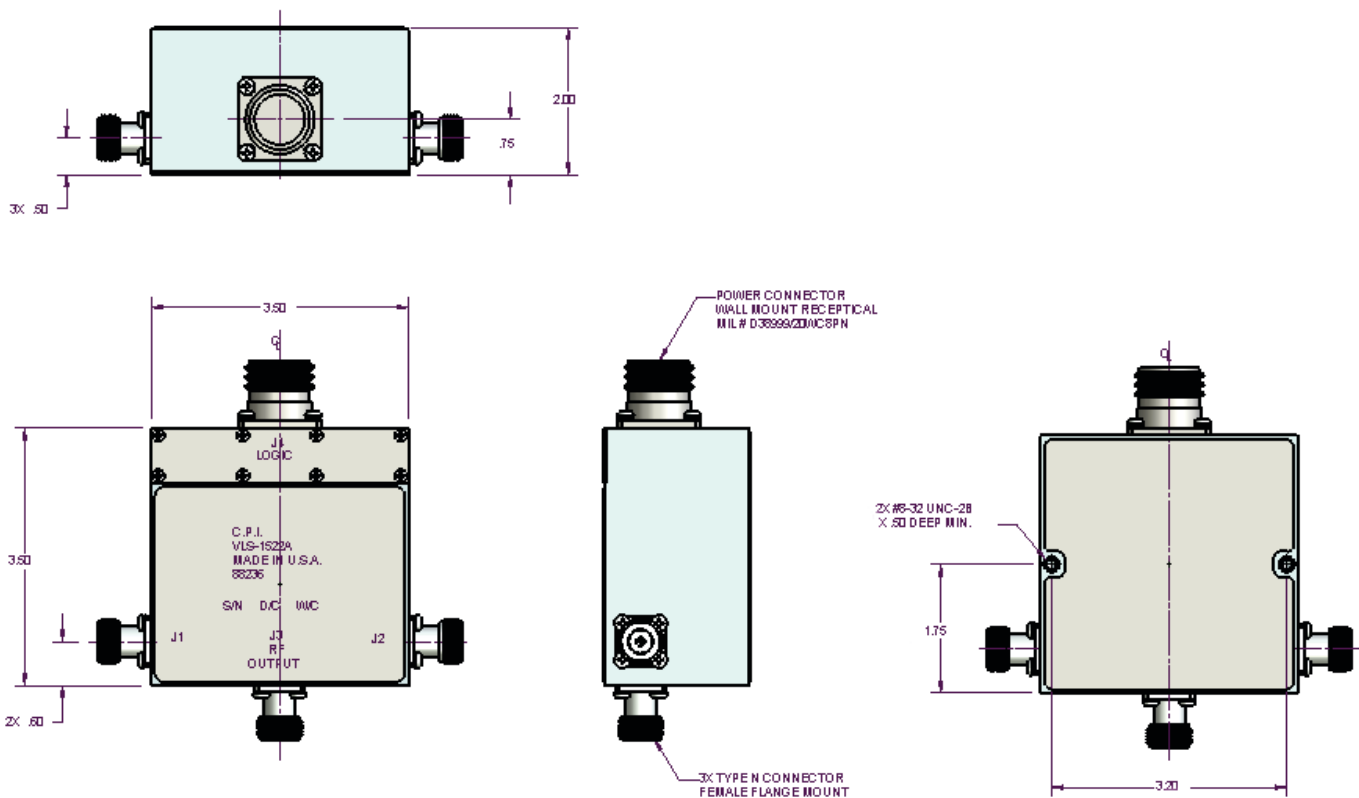
## Electrical Specifications

Operating frequency	3.05 – 3.55 GHz
Maximum power	1000 W peak
Maximum pulsewidth	100 $\mu$ Sec
Maximum duty cycle	5 %
Maximum insertion loss	1.0 dB
Minimum return loss	14 dB
Minimum switched attenuation	25 dB
Maximum switching speed	5 $\mu$ Sec
Maximum switching rate	1 kHz

## Mechanical and Environmental Specifications

RF input and output	Type N
Bias supply	+28 VDC @ 500 mA max
Control logic	RS422
Dimensions	See outline drawing
Operating temperature	-40° to +85° C
Storage temperature	-40° to +60° C
Humidity	95% max

See product specification for other details



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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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