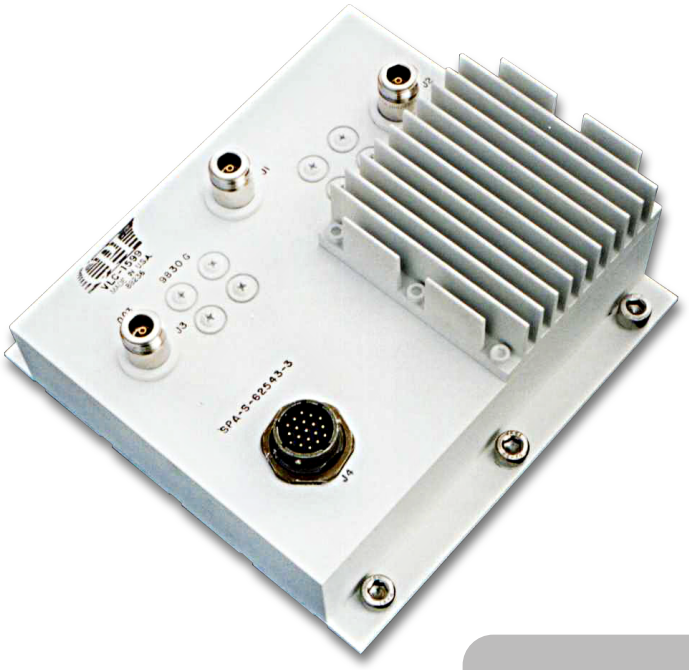
C-Band 2000 W SPDT Switch

VLC1599

CPI Electron Device Business - Switch



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
- Wide band operation
- Cold switched
- BITE output indicates diode status

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 Electron Device Business

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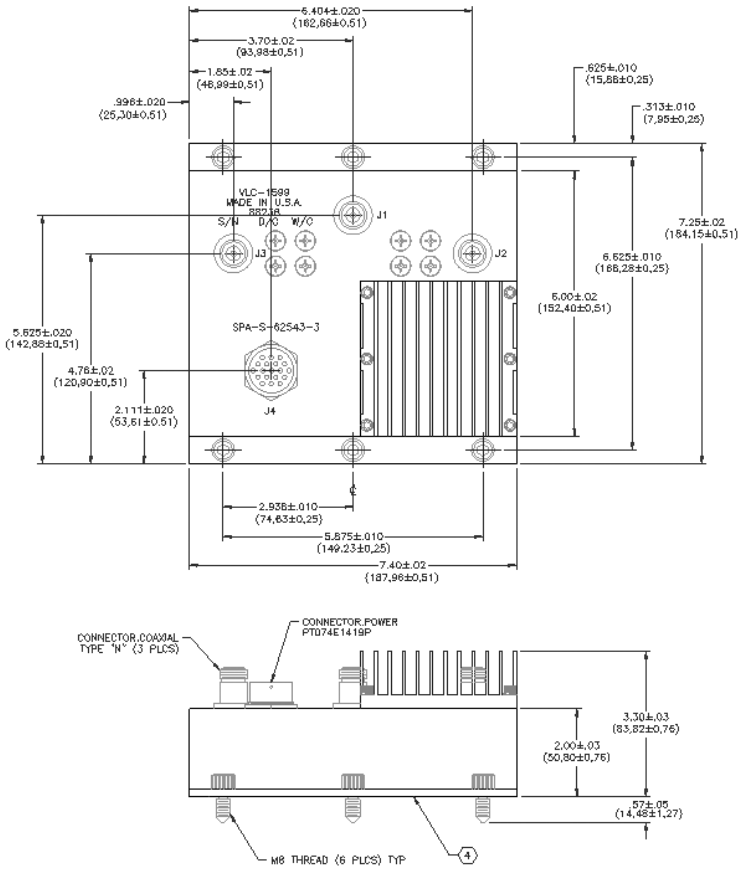
CPI EDB C-Band 2000 W SPDT Switch: VLC1599

Electrical Specifications

Operating frequency	5.25 – 5.75 GHz
Maximum power	2000 W peak
Maximum pulsewidth	640 uSec
Maximum duty cycle	20%
Maximum insertion loss	1.2 dB
Minimum return loss	14 dB
Minimum switched attenuation	30 dB
Maximum switching speed	10 uSec
Maximum switching rate	2 kHz



Mechanical and Environmental Specifications

RF input and output	Type N
Bias supplies	+15 VDC @ 600 mA max -65 VDC @ 100 mA max
Command input	0.5 V differential
Dimensions	See outline drawing
Operating temperature	-20° to +50 ° C
Storage temperature	-40° to +60 ° C
Humidity	95% max

See product specification for other details

Electron Device Business

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