

PACIWAVE, INC.

DLVA, SDLVA & ERDLVA



FEATURES

- INNOVATION WITH EXPERIENCE
- 10 MHz TO 40 GHz
- BROAD BAND OR NARROW BAND
- DYNAMIC RANGE TO 95dB
- T.S.S. BELOW -80dB
- CW IMMUNITY OPTIONAL
- ERDLVA ACCURACY WITH SDLVA PERFORMANCE
- EXCELLENT ABSOLUTE ACCURACY
- COMPACT SIZE
- STANDARD DELIVERY WITHIN 60 DAYS
- ENVIRONMENTALLY SEALED PACKAGES
- RISE TIME BETTER THAN 10 NSEC
- RECOVERY TIME 60 NSEC OR BETTER
- EXCELLENT LOG LINEARITY
- RISE TIME TO 10 NSEC or BETTER
- LIMITED RF OUTPUT
- CUSTOMIZED INTEGRATED ASSEMBLY
 - LIMITER / DLVA
 - FILTER / DLVA
 - SWITCH / DLVA
 - THRESHOLD DETECTION
 - VIDEO PULSE AND FREQUENCY LIMITS FOR POWER MONITORS

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PACIWAVE, INC.



Paciwave, Inc. designs and manufactures both catalog and custom microwave components, integrated microwave subsystems and assemblies for the military, medical and communications markets. Paciwave has been in operation since 1995 and has established a comprehensive portfolio of products and many satisfied customers. Paciwave's innovative designs are achieved through the use of CAD tools such as Agilent Genesis, AutoCAD and other proprietary software. Paciwave is instrumented from DC to 40 GHz and can design and manufacture products within that range.

Paciwave products are designed under a MIL-Q-9858 quality system, are inspected per MIL-I-45208, and tested per MIL-STD-883 for hybrid microcircuits. Environmental stress screening is applied per customer and program requirements.

Paciwave is committed to total customer satisfaction and provides a standard two year warranty on all our products. We want to be our customer's preferred supplier. Please call or email us with your requirements.

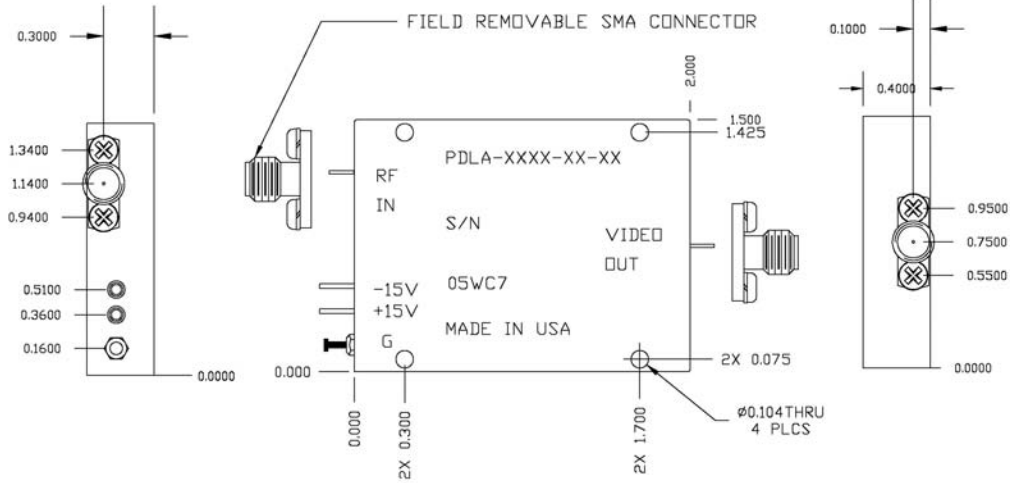
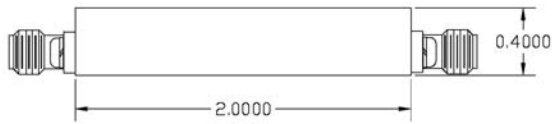
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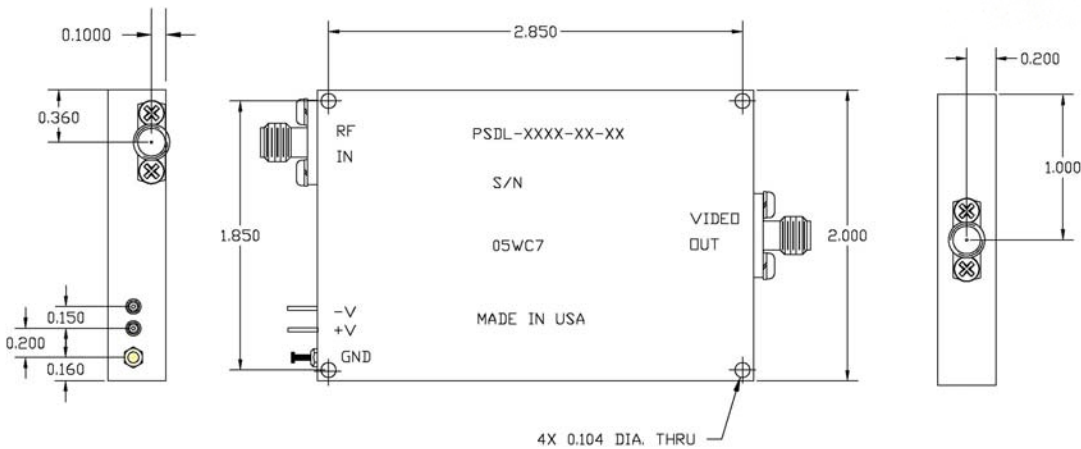
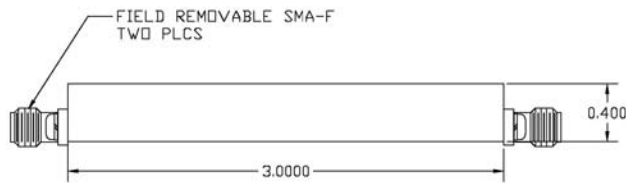
ELECTRICAL PERFORMANCE OF STANDARD
DC COUPLED DLVA, SDLVA & ERDLVA

- RISE TIME: < 10 nsec
- DELAY TIME: < 15 nsec
- RECOVERY TIME: < 60nsec
- POWER HANDLING: +20 dBm CW
- DC SUPPLY: +12V TO +15V & -12V TO -15V
- LOG SLOPE: 25 mv/dB or 50 mv/dB TYPICAL, CAN BE CUSTOMIZED
- OPERATING TEMPERATURE: -55°C TO +85°C
- STORAGE TEMPERATURE: -60°C TO 125°C
- CW IMMUNITY OPTIONAL
- AC COUPLED OPTIIONAL
- LIMITING RF OUTPUT OPTIONAL

FREQ. RANGE (GHz)	DYNAMIC RANGE (dB)	T. S. S. (dBm)	LOG LINEARITY (dB)	LOG ACCURACY (dB)	VSWR
0.5—2.0	-40 TO +5	-44	±0.5	±1.25	2.0:1
0.5— 6.0	-40 TO +5	-44	±0.7	±1.75	2.0:1
2.0— 4.0	-40 TO +5	-44	±0.5	±1.5	2.0:1
2.0— 6.0	-40 TO +5	-44	±0.7	±1.5	2.1:1
2.0— 8.0	-40 TO +5	-44	±0.7	±1.75	2.2:1
2.0— 18.0	-40 TO +5	-44	±0.75	±2.25	2.6:1
4.0— 8.0	-40 TO +5	-44	±0.5	±1.5	2.0:1
6.0— 12.0	-40 TO +5	-44	±0.5	±1.5	2.0:1
6.0— 18.0	-40 TO +5	-43	±0.7	±1.75	2.0:1
8.0— 12.0	-40 TO +5	-43	±0.5	±1.5	2.0:1
8.0— 18.0	-40 TO +5	-43	±0.7	±1.75	2.2:1
12.0—18.0	-40 TO +5	-43	±0.7	±1.75	2.2:1
0.5—2.0	-70 TO +5	-74	±1.0	±1.75	2.0:1
2.0— 8.0	-70 TO +5	-74	±1.0	±2.0	2.2:1
6.0— 18.0	-70 TO +5	-73	±1.0	±2.0	2.0:1
2.0— 18.0	-70 TO +5	-73	±1.25	±2.5	2.5:1
0.5—2.0	-85 TO +10	-87	±1.25	±2.5	2.0:1
8.0— 10.0	-85 TO +10	-87	±1.5	±3.0	2.0:1



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