



***The Name for
Attenuators***

| ALAN MODEL 50MDA127 SMA MINIATURE PROGRAMMABLE ATTENUATOR ELECTRICAL SPECIFICATIONS | |
|---|--|
| FREQUENCY RANGE | DC – 1.5 GHz |
| IMPEDANCE | 50 Ohms |
| ATTENUATION RANGE | 0 – 127 dB |
| ATTENUATION STEPS | 1, 2, 4, 8, 16, 32, 64 dB |
| ATTENUATION ACCURACY (Overall) | DC – 500 MHz: 0-31 dB: ±0.5 dB 32-127 dB: ±1.0 dB |
| | 500-1000 MHz: 0-31 dB: ±0.7 dB 32-127 dB: ±1.5 dB |
| | 1000-1500 MHz: 0-31 dB: ±1.0 dB 32-127 dB: ±2.0 dB |
| INSERTION LOSS | 4.0 dB maximum |
| MAXIMUM SWR | 1.4:1 |
| AVERAGE POWER | 0.5 Watt |
| CONNECTORS | SMA Female |
| DC CONTROL | +26 VDC @ 136 ma |
| SWITCHING SPEED | 6 milliseconds maximum |
| SWITCH LIFE | 10,000,000 selections per bit |
| TEST DATA | Supplied at no charge when requested prior to shipment. Please allow extra 1-3 business days for shipping. |
| COUNTRY OF ORGIN | USA |
| RoHS STATUS | RoHS Compliant Available in a Non-RoHS configuration as a build to order product. Please contact factory to order. |

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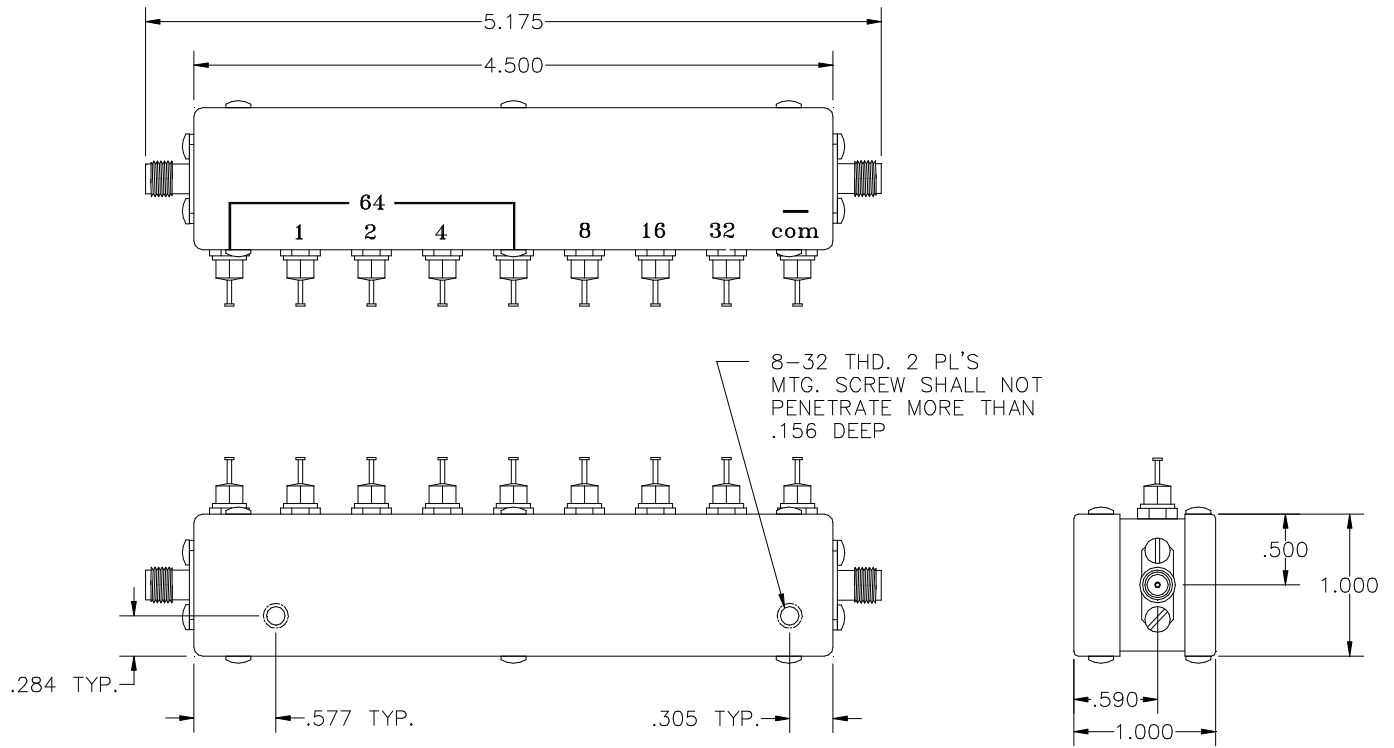
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Alan Industries, Inc. • 745 Greenway Drive • Columbus, Indiana 47201 • USA
800-423-5190 or 812-372-8869 • Fax: 812-372-5909
www.alanindustries.com • sales@alanindustries.com



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PHYSICAL DIMENSIONS



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