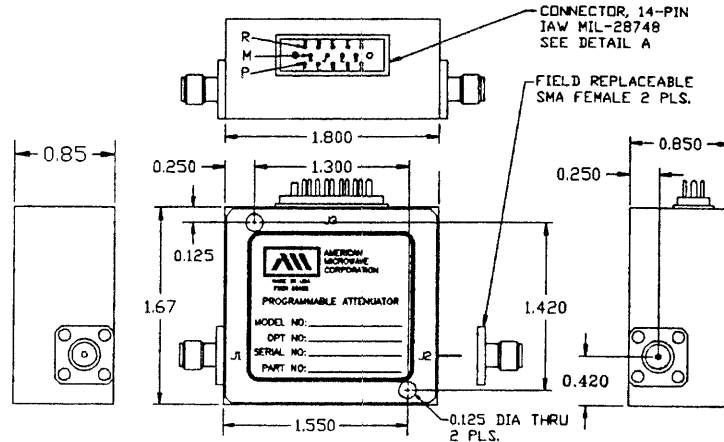


AMERICAN MICROWAVE CORPORATION

9.0 TO 10.0 GHz, HIGH SPEED, 60 dB, DIGITALLY CONTROLLED PIN DIODE ATTENUATOR

- 60dB DYNAMIC RANGE
- 500nS SWITCHING SPEED
- 8-BIT DIGITAL CONTROL
- LOW INSERTION LOSS



AMC MODEL No: DVAN-910-60-8-SF

SPECIFICATIONS:

• FREQUENCY RANGE	:	9.0 TO 10.0 GHz	
• INSERTION LOSS	:	2.5dB MAX.	
• ATTENUATION RANGE	:	60dB MAX.	
• ATTENUATION ACCURACY	:	0 - 30dB	±0.5dB MAX.
		30 - 50dB	±1.0dB MAX.
		50 - 60dB	±1.5dB MAX.
• FREQUENCY FLATNESS	:	0 - 10dB	±0.7dB MAX.
		10 - 20dB	±1.0dB MAX.
		20 - 40dB	±1.5dB MAX.
		40 - 60dB	±1.6dB MAX.
• VSWR	:	2.0:1 MAX.	
• SWITCHING SPEED	:	500nS MAX.(BETWEEN ATTENUATION SETTINGS)	
• TEMPERATURE COEFFICIENT	:	±0.025dB/°C	
• RF POWER RATINGS	:	+20dBm Operating, +30dBm Survival	
• CONTROL	:	8-BIT Positive True Binary (0.25 LSB)	
• DC POWER SUPPLY	:	±12 OR ±15 vdc @ +150mA & -75mA Available	
• CONNECTORS	:	RF : Field Replaceable SMA Female	
	:	Power and Controls : Miniature 14-Pin IAW MIL-28748	
• SIZE	:	1.8" X 1.67" X 0.85"	
• WEIGHT	:	< 4oz.	

HIGH SPEED DIGITAL AND ANALOG ATTENUATORS AVAILABLE IN OTHER FREQUENCIES AND MECHANICAL OUTLINES, CONTACT FACTORY FOR DETAILS.

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