



WIDE BAND DIGITAL CONTROL ATTENUATOR

MDC010020R60B6

FEATURES

- Whole Solid State, Mixture Integrated
- Low Power Consumption
- Excellent Flatness & Accuracy
- Miniature Sizes for drop-In available

APPLICATIONS

- Military & Space
- Radar & Electronic warfare
- Test Equipment



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	1		2	GHz
Insertion Loss			2.8	dB
Min attenuation Range	60			dB
Step Size			1	dB
Control bits		6		bits
Attenuation accuracy			±0.8	dB
Speed		50		ns
Flatness		1		dB
VSWR			1.8:1	Ratio
DC Power +5V		50		mA
DC Power -5V		50		mA

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input Power			25	dBm
Operating Temperature	-40		+70	°C
Non-operating Temperature	-55		85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		
ROHS		Compliant		

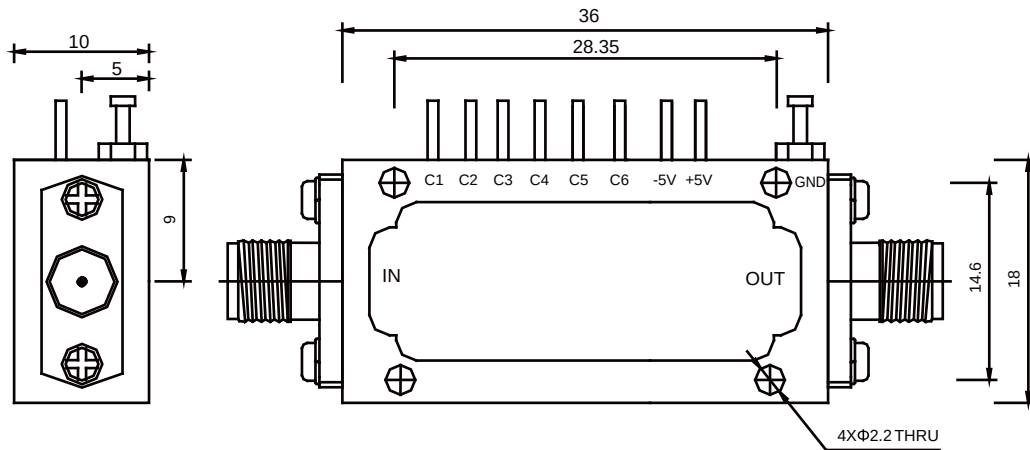
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	36*18*10		Millimeter
Weight	SMA-F removable	type	gram
RF Connectors Input	SMA-F removable		
RF Connectors output	50		
Impedance			ohms



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OUTLINE DRAWING(mm):



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