

### **Voltage Variable Attenuators**

CMI's line of current controlled attenuators offers high performance and compact size. They can be optimized for narrow or broadband frequency ranged up to 18GHz. Detailed specifications are available on request from the factory or your local sales representative. Contact the factory for custom designs and applications.

#### **Applications:**

- Automatic Gain Control
- EW & Radar Systems
- Communications Systems
- Leveling Circuits
- Precision Test Equipment
- Electronic Simulators



#### **Ordering Information:**

- Delivery: Stock to eight weeks
- Additional options: The attenuators can be modified for custom applications. Contact the factory to discuss specific requirements.

**CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.**

**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407**  
**(814) 664-7728 Fax (814) 664-4582 [www.cormic.com](http://www.cormic.com)**

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**Reflective Voltage Variable Attenuators**

Part Number	Frequency Range	Insertion Loss	Attenuation	VSWR	Package
CMIDT-213-111	2-18 GHz	2.0dB	20dB	2:1	X101,x103,x104,x105
CMIDT-213-111	2-18 GHz	2.2dB	35dB	2:1	X101,X103,X104,x105
CMIDT-213-111	2-18 GHz	2.5dB	50dB	2:1	X101,X103,X104,x105
CMIDT-A12-111	0.02-0.5GHz	1.5dB	25dB	1.5:1	X101,X103,X104,x105
CMIDT-B13-111	0.5 - 1 GHz	1.5dB	50dB	1.5:1	X101,X103,X104,x105
CMIDT-C13-111	1 - 2GHz	0.8dB	50dB	1.5:1	X101,X103,X104,x105
CMIDT-D13-111	2 - 4 GHz	1.2dB	50dB	1.5:1	X101,X103,X104,x105
CMIDT-E13-111	4-8GHz	1.8db	50dB	1.8:1	X101,X103,X104,x105
CMIDT-F13-111	8- 12 GHz	2.2dB	50dB	1.8:1	X101,X103,X104,x105
CMIDT-G13-111	12 - 18 GHz	2.4dB	50dB	1.9:1	X101,X103,X104,x105

**Non-Reflective Voltage Variable Attenuators**

Part Number	Frequency Range	Insertion Loss	Attenuation	VSWR	Control
CMIDT-B22-111	0.5 - 1 GHz	1.5dB	30dB	1.5:1	X101,X103,X104,x105
CMIDT-C22-111	1 - 2GHz	1.5dB	30dB	1.5:1	X101,X103,X104,x105
CMIDT-D23-111	2 - 4 GHz	1.2dB	30dB	1.5:1	X101,X103,X104,x105
CMIDT-E23-111	4-8GHz	2.0db	30dB	1.6:1	X101,X103,X104,x105
CMIDT-F23-111	8- 12 GHz	2.5dB	30dB	1.8:1	X101,X103,X104,x105
CMIDT-G23-111	12 - 18 GHz	3.0dB	30dB	1.8:1	X101,X103,X104,x105

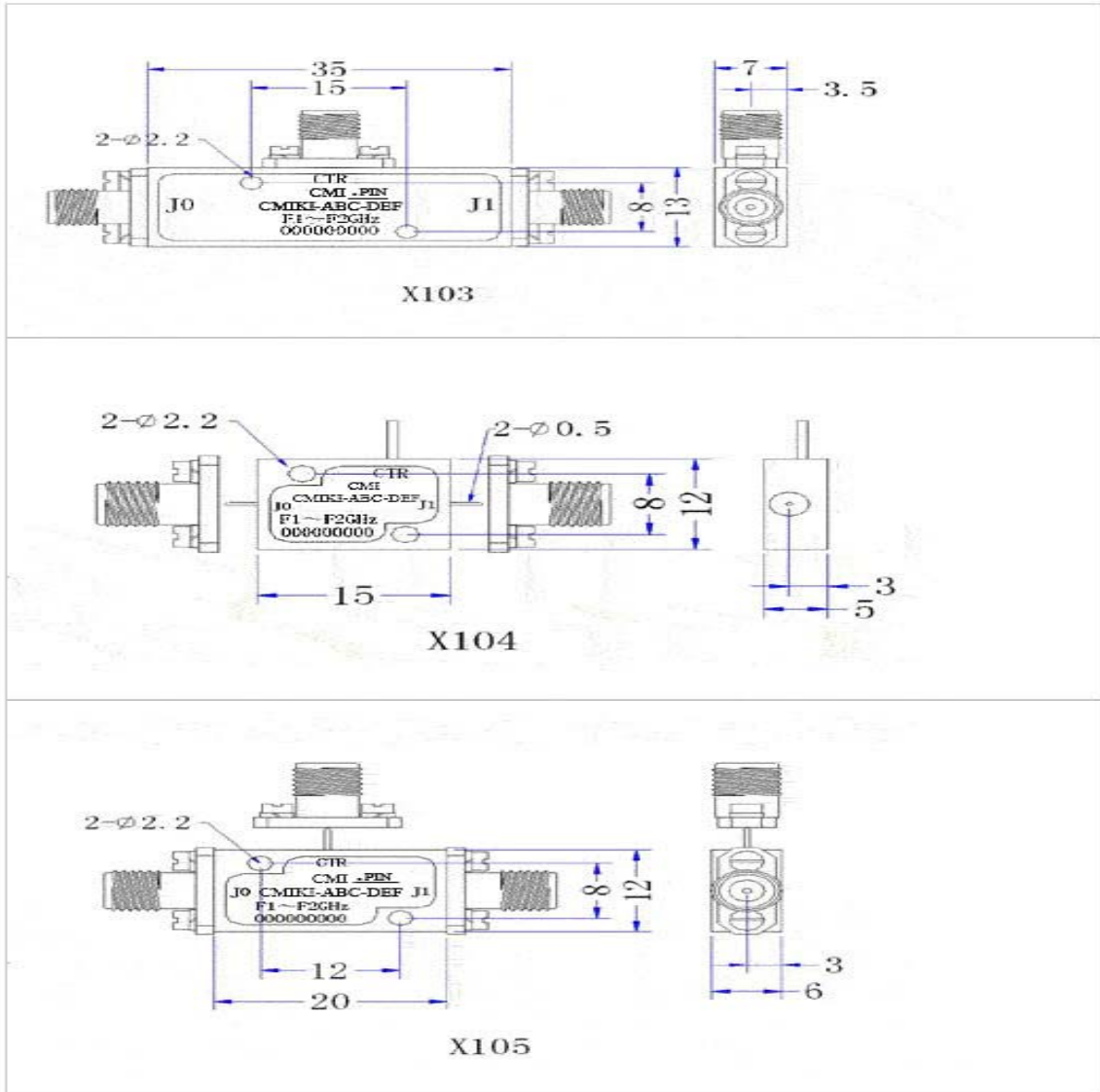
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**Note:**

1. All of the voltage variable attenuators are current control, the control current: 15-30 mA
2. When using the attenuator, a current limiting base resistor should be connected to the control PIN
3. The power handling capability: 1 Watt
4. Temp. Range: -55°C to +85°C



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