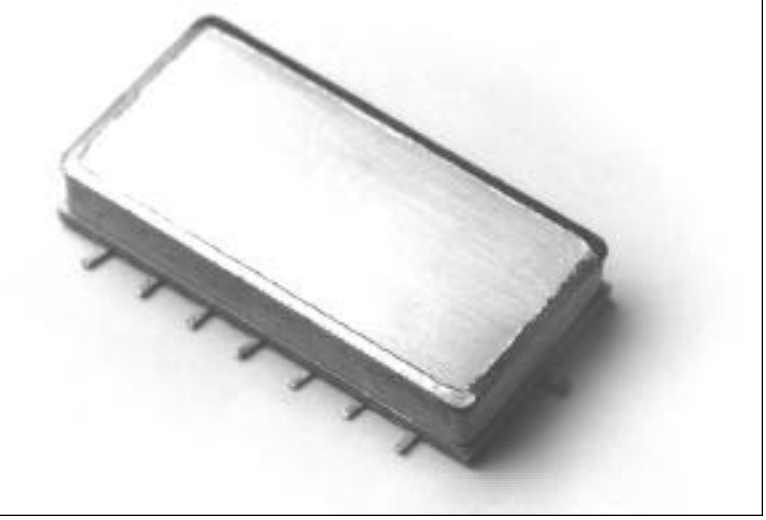
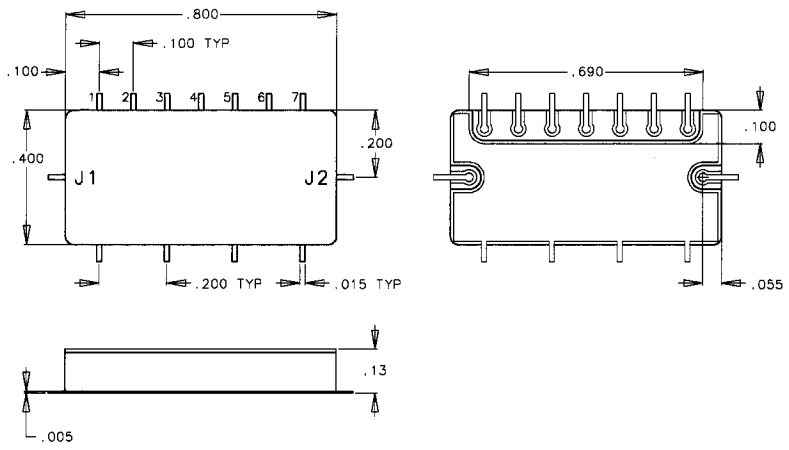
SURFACE MOUNT ATTENUATORS



ELECTRICAL CHARACTERISTICS

PART #	TYPE	FREQ RANGE GHz	LOSS dB	ATTEN RANGE dB	VSWR	SWITCH SPEED ns	RF POWER dBm	DC SUPPLY Volts
8158	6 Bit	.01-1	3.5	63	2.0:1	35	25	+5
8159	5 Bit	4-6	2.7	31	2.0:1	2000	10	+5,-5

PACKAGE OUTLINE



DESCRIPTION

These broadband digital attenuators are ideal for high volume applications where power control is a must. Each attenuator offers high speed and/or wide dynamic range with suitability up to 6 GHz. Hermetic, military/ industrial design.

ADDITIONAL FEATURES (#8158)

- Video feed-through: 50 mV peak

CONNECTORS

- Surface mount

OPERATING ENVIRONMENT

- Operating Temperature: -55 to +125°C
- Storage Temperature: -65 to +150°C
- Impedance: 50 ohm
- Control: Transistor-Transistor Logic (TTL)

APPLICATIONS

- Power control:
  - □ Cellular
  - □ PCS systems
  - □ Satellite systems
  - □ Point-to-point radio systems
- Radar Warning Receivers (RWR)
- Radar simulation
- Test equipment