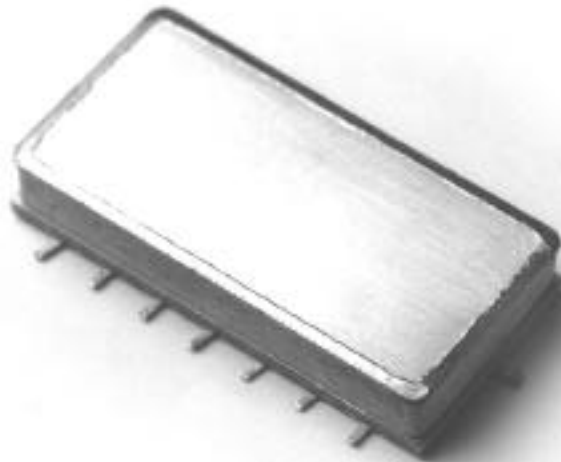


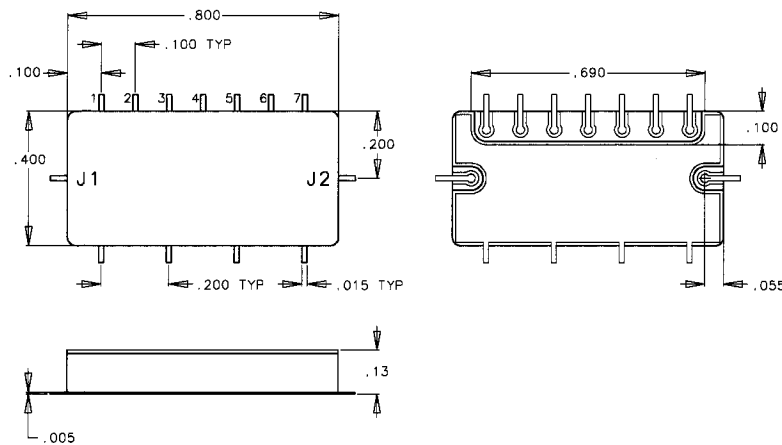
SURFACE MOUNT ATTENUATORS



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