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MODEL 651 - 031 - 031

ELECTROMECHANICAL PROGRAMMABLE ATTENUATOR

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**Frequency Range:** DC - 2200 MHz

**Impedance:** 50 Ohms nominal

**Attenuation Range:** 31 dB in 1 dB steps

**Attenuation Steps:** 1, 2, 4, 8 and 16 dB

**Attenuation Accuracy:** ± 0.5 dB or 2% of programmed

**Insertion Loss:** 2.5 dB nominal @ 2200 MHz  
3.0 dB maximum

**VSWR:** 1.40:1 maximum

**Input Power:** 1 Watt average

**Switching Time:** 10 milliseconds

**Supply Voltage:** +12 Vdc @ 30 mA nominal per section

**Control Connector:** Solder terminals

**RF Connectors:** SMA Female

**Operating Temperature:** - 20°C to +70°C

**Outline Drawing:** MED - 0638

| ECF # | Date   | Rev. |
|-------|--------|------|
| Issue | 6/6/05 | 0    |
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Approved By: \_\_\_\_\_