



Eyal Microwave Ltd.

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DIGITAL CONTROLLED ATTENUATOR

MODEL: SA-0515-5-1

SPECIFICATIONS

PROJECT: 1745

| CHARACTERISTIC | |
|------------------------------|--------------------------------------|
| Frequency Range (GHz) | 0.5÷1.5 GHz |
| Attenuation Range | 23 dB |
| Insertion Loss (Max.) | 3.0 dB |
| VSWR (max) | 2.1:1 |
| Number of Bits | 5 |
| Least Significant Bit (LSB) | 1 dB |
| Monotonicity | GUARANTEED |
| Accuracy of Mean Attenuation | |
| Individual | ± 0.3dB |
| Accumulative | ± 0.75dB |
| Attenuation Flatness | ± 0.5 dB |
| Power Handling | 20 dBm |
| Switching Time | 500 nSec |
| Rise and Fall Time | |
| Switch Rate | 0.1 MHz |
| Control Logic | “1” = I. Loss “0” = ATTEN |
| Control Input | TRUE TTL GATE |
| Power Supply | +5.0V ±2% @400mA |
| Outline | DC2 |
| <u>Pin Designations</u> | |
| E1 | 1 dB |
| E2 | 2 dB |
| E3 | 4 dB |
| E4 | 8 dB |
| E5 | 8 dB |
| +V | +5.0 V |
| -V | ---- |
| G | GROUND |