

## Ka Band SPST Switch for Military Application

April, 2004



**Model CPS-35011235-M1** single pole single throw (SPST) PIN diode switch is high performance switch designed for military system application. The switch is water proved and offers 1.2 dB maximum insertion, 35 dB minimum isolation and 1.22 VSWR in the frequency range of 34.5 to 35.5 GHz . The bias requirement for the switch is +5.0 Vdc/50 mA and -5.0Vdc/10 mA typically and the switch is TTL controlled with the switching speed up to 100 nano second. The designed operating temperature of the switch is -20 to +70 °C.

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