

PIN DIODE

ATTENUATOR, DIGITAL – CELLULAR

DAS-A11S

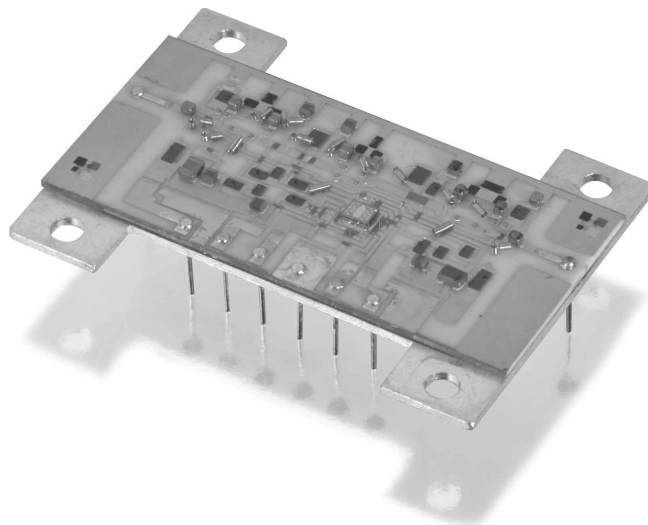
3 BIT PLUS “OFF” SWITCH 800–900 MHz

GENERAL INFORMATION

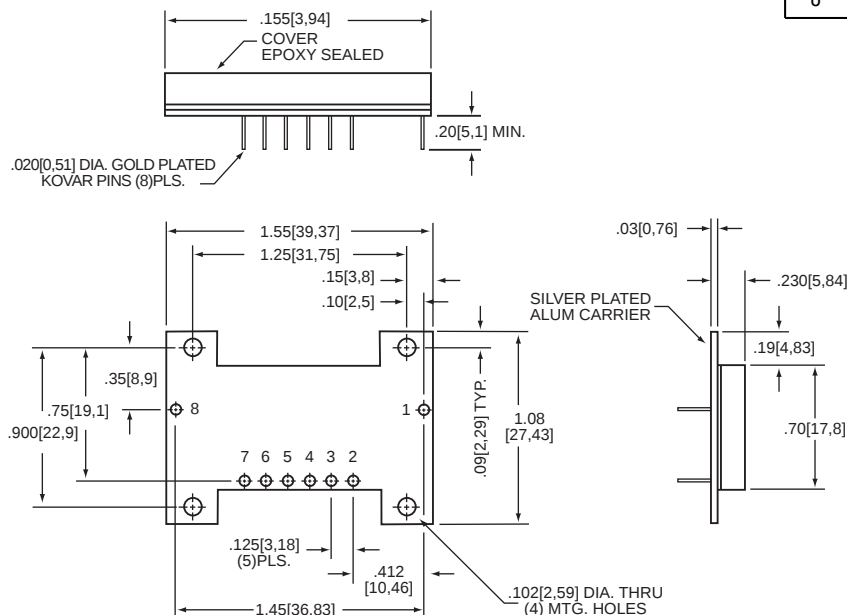
The Model DAS-A11S is a pin diode switched type with series attenuators in a sealed thick film hybrid pin package. The unit includes an extinguish switch which provides a total of 65 dB isolation above insertion loss. The pin diodes provide a robust semiconductor which is often preferred over GaAs for ESD and sensitivity to voltage spikes. Other values of attenuation can be provided upon request.

GENERAL SPECIFICATIONS

Model:	DAS-A11S
Frequency Range:	800–900 MHz
Insertion Loss:	2 dB maximum
VSWR:	1.4 maximum
Isolation:	65 dB minimum. (Above Insertion Loss)
Attenuation Range:	0-28 dB
Accuracy:	±0.5 dB
Bit Values:	4,8 & 16 dB
RF Power:	+20 dBm maximum
DC Power:	+5V DC ±0.5V
Logic:	
Attenuation:	Logic '0' = Thru Logic '1' = Attenuation
Switch:	Logic '0' = Thru Logic '1' = Attenuation
Type:	Pin Diode
Package:	Pin Type



PIN DESIGNATION CHART	
PIN	REF DES
1	RF IN/OUT
2	+5V
3	16 dB
4	8 dB
5	DC GND
6	4 dB
7	EXTINGUISH(MUTE)
8	RF IN/OUT



KEY: Inches[Millimeters] .X X±.03 .XX X±.010 [.X±0.8 .XX±0.25]



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