

SAC1420

Switch Module
30-520MHz

Rev 1.0

Features

- Frequency Range: 30~520MHz
- Insertion Loss: ≤0.7dB
- Isolation: ≥50dB
- VSWR: ≤1.5
- Switching Speed: ≤15μs
- Power Capacity: P_{cw}
=500W(600W@150MHz~520MHz)
- Control method: Working
voltage+28V/400mA, 1-bit LVTTTL level
control. J0 is the RF common terminal.
TTL is "1" (≥ 3.3V) or J1 is on (J2 is off)
when suspended; When TTL is "0", J2 is
on (J1 is off).
- Size: 83.63mmx92mmx36mm
- weight: 800g

Typical Applications

- Radar and ECM
- RF/ Microwave radio
- Military and Space
- Test and Measurement
- Fiber Optics

General Description

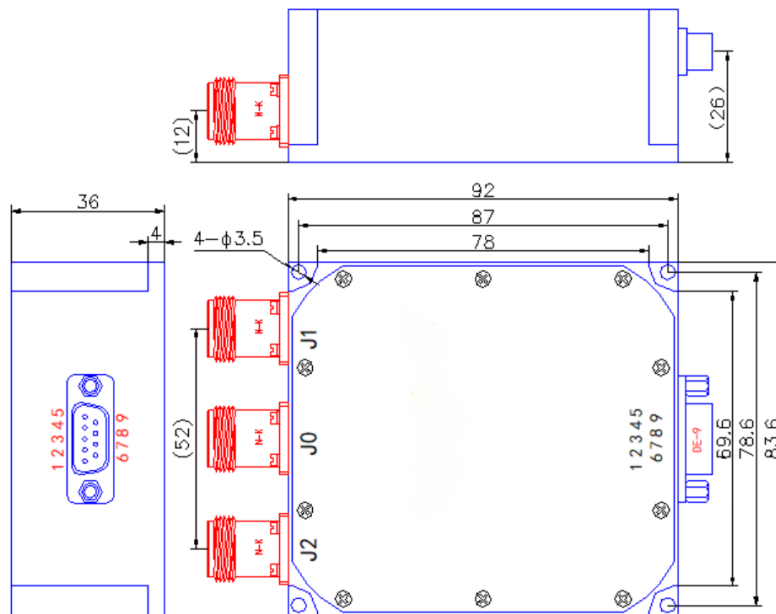
SAC1420 is a broadband high-power switch, single power supply, can pass continuous wave power of 500W, isolation of 50dB, insertion loss of 0.7dB; The RF interface is an N-K connector, and the control interface is a DE-9 plug.

Pin Function

DE-9 Pin No.	1	2、3	4、5	6、7、8、9
Description	TTL	GND	+28V	NC

Outline

(All dimensions in mm)



Attention:

When using, the product must be tightly assembled with the base, with good heat dissipation, and air cooling can be added to avoid overheating and burning of the product.

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