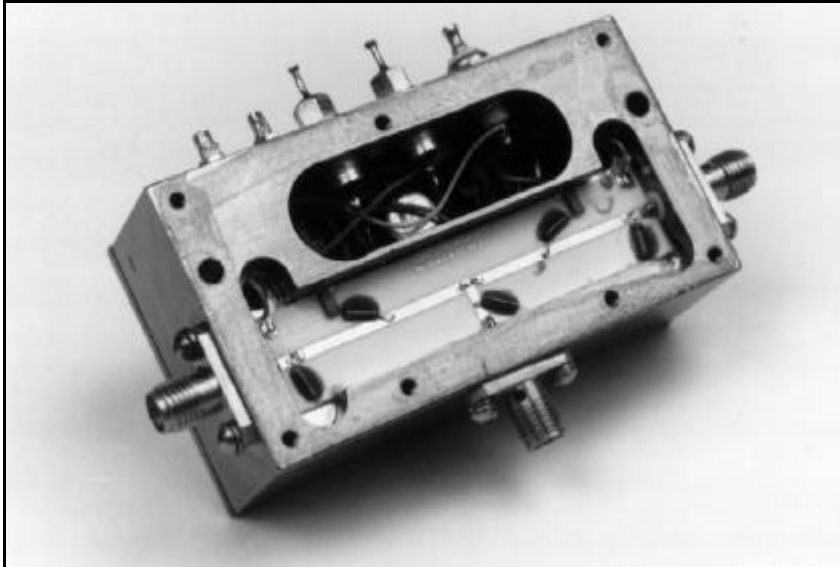


# ULTRA LOW LOSS HIGH POWER T / R SWITCH



## TYPICAL SPECIFICATIONS

Frequency Range	200 MHz - 1100 MHz min.
Insertion Loss	0.25 dB typ., 0.35 dB max.
Isolation, 200 - 600 MHz	50 dB min.
600 - 1100 MHz	40 dB min.
VSWR, common and passing ports	1.2:1 typ., 1.3:1 max.
RF Input Power, max.	50W CW or 100W peak, 25% D.F.
Control	TTL, 1 line
Switching Time (50% TTL to 90/10% RF)	1 $\mu$ sec typ., 2 $\mu$ sec max.
DC Power ( $V \pm 5\%$ )	+5V/100mA, - 100V/10 mA
RF Connectors	SMA ( F )
DC and TTL Connectors	solder pins
Operating Temperature	-30° to +70° C
Dimensions	1.50"W x 2.75"L x 1.00"H
Part Number	D2R0211-45HP

## DESCRIPTION

These switches are designed to provide the combination of low loss and high transmittal power so important in today's T/R applications. They are available in the 200 MHz to 1100 MHz frequency ranges, however, customer-specified frequency ranges are also available.

## APPLICATIONS

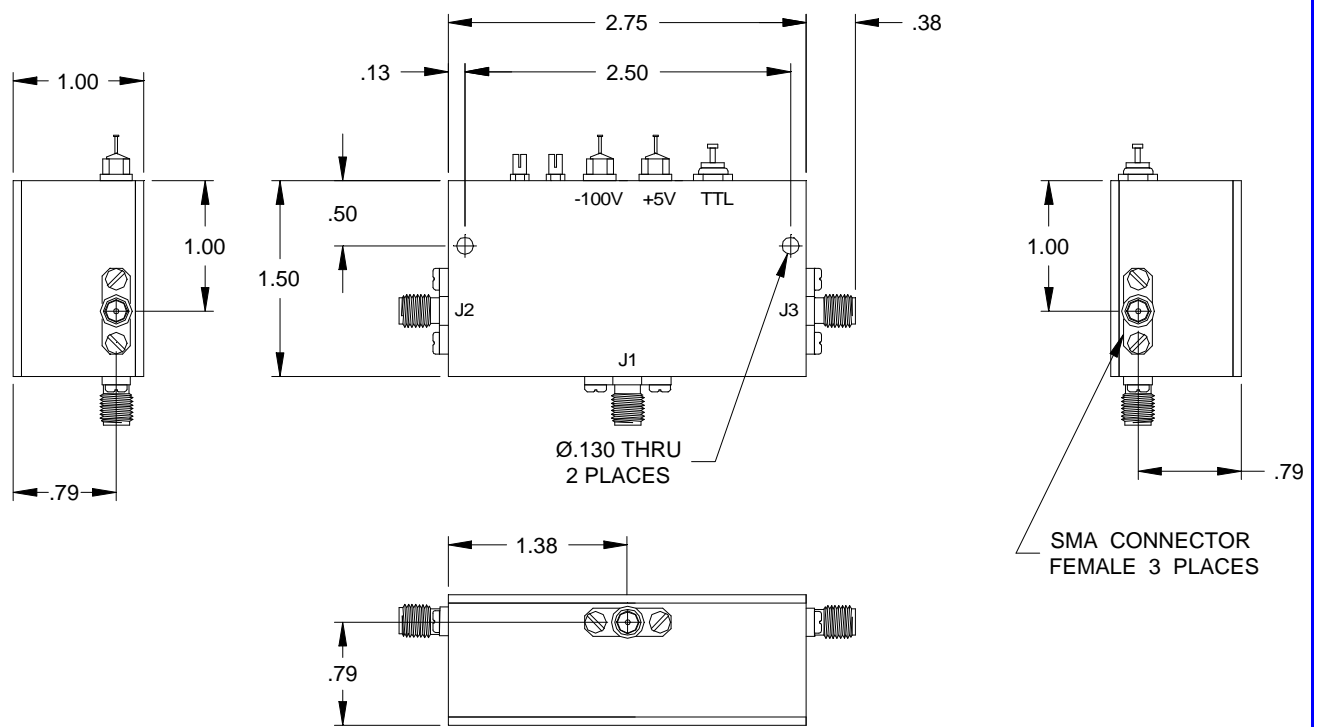
- Military communication systems
- Commercial/industrial communication systems



**VECTRONICS MICROWAVE CORP. / A Micronetics Company**

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