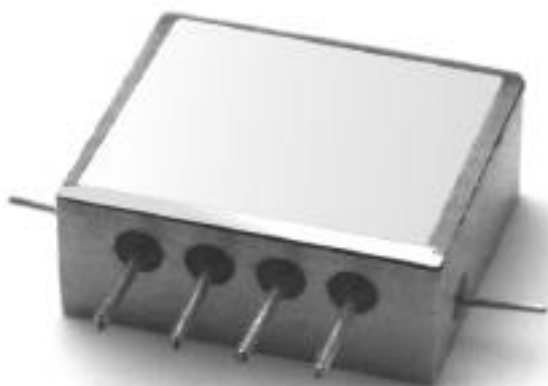


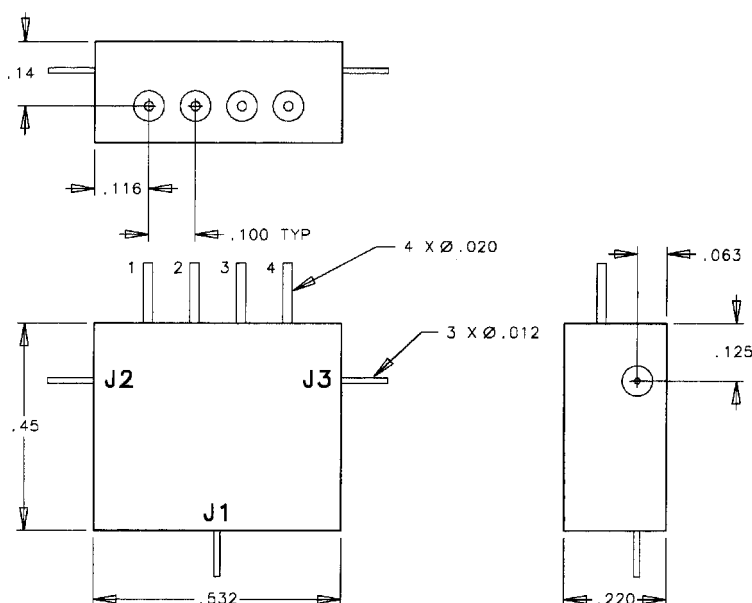
# SINGLE POLE, DOUBLE THROW DROP-IN MODULES WITH DRIVERS



## ELECTRICAL CHARACTERISTICS

| PART # | TYPE   | FREQ<br>RANGE<br>GHz | LOSS<br>dB | ISO<br>dB | VSWR  | SWITCH<br>SPEED<br>ns | RF<br>POWER<br>dBm | DC<br>SUPPLY<br>Volts |
|--------|--------|----------------------|------------|-----------|-------|-----------------------|--------------------|-----------------------|
| 6027   | SP2T R | .5-2                 | 0.8        | 60        | 1.5:1 | 1000                  | 20                 | +5,-5                 |
| 6028   | SP2T R | 1-12                 | 1.3        | 50        | 2.0:1 | 1000                  | 20                 | +5,-5                 |

## PACKAGE OUTLINE



## DESCRIPTION

General purpose switches designed for integration into microstrip sub-assemblies at frequencies up to 14 GHz. The switch and driver are extremely compact, making these modules ideal for a wide range of applications where space is at a premium. Hermetic, military/industrial design.

## CONNECTORS

■ Pin

## OPERATING ENVIRONMENT

■ Operating Temperature:  
-55 to +125°C  
■ Storage Temperature:  
-65 to +150°C  
■ Impedance:  
50 ohm  
■ Control:  
Transistor-Transistor Logic (TTL)

## APPLICATIONS

■ Radar Warning Receivers (RWR)  
■ Tracking radar