

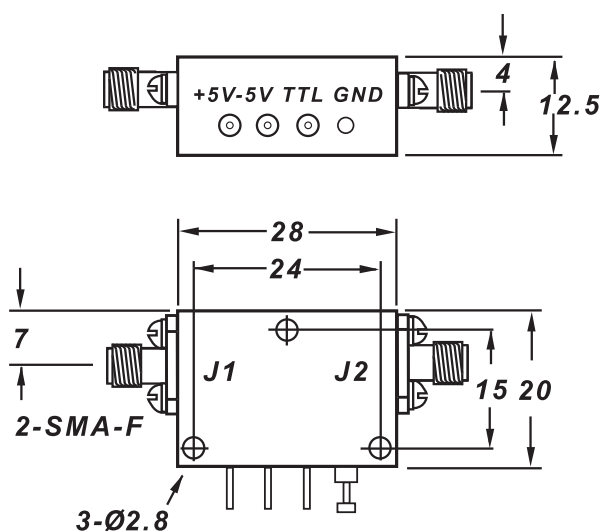
PIN Diode Switch

Models: APS-1007-R-1 SPST & APS-2007-R-1 SP2T Reflective

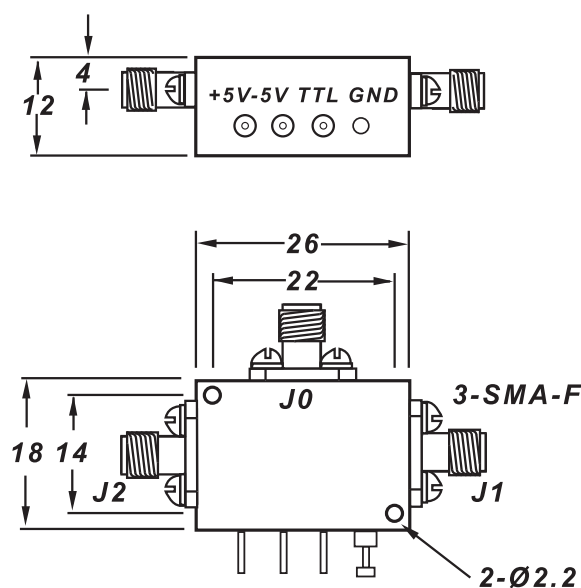


Parameter	APS-1007-R-1 SPST Reflective	APS-2007-R-1 SP2T Reflective
Frequency Range (GHz)	2-18	2-18
Isolation (dB) min.	80	80
Insertion Loss (dB) max.	2.4	3.0
VSWR max.	2.2	2.2
Switch Time (ns) max.	50	50
Operating Power (dBm) max.	23	23
No Damage Power (W) max.	1	1
Power Supply (V) max.	+ 5V / 40mA, -5V / 40mA	+5V / 50mA, -5V / 50mA
Control Logic	Single TTL "0" = ON, "1" = OFF 2.4V < "1" < 5V, 0V < "0" < 0.8V	TTL "1" → J0 to J2, "0" → J0 to J1 3.6V < "1" < 5V
Operating Temperature (C)	-40 to +85	-40 to +85
Impedance (ohms)	50	50
Finish	Gold Plated	Gold Plated
Connectors	SMA Female Input/Output	SMA Female Input/Output

Model: APS-1007-R-1 SPST Reflective



Model: APS-2007-R-1 SP2T Reflective



Dimensions in mm

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

Control Components

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