

Electromechanical Switches

SPDT, SPMT & Transfer Switches

- DC – 33.5GHz (Depending on Model)
- Failsafe, Latching and normally open actuator options
- 12 Connector options
- 8 Actuator Voltage options
- TTL available for all models
- Low PIM
- Higher temperature range available



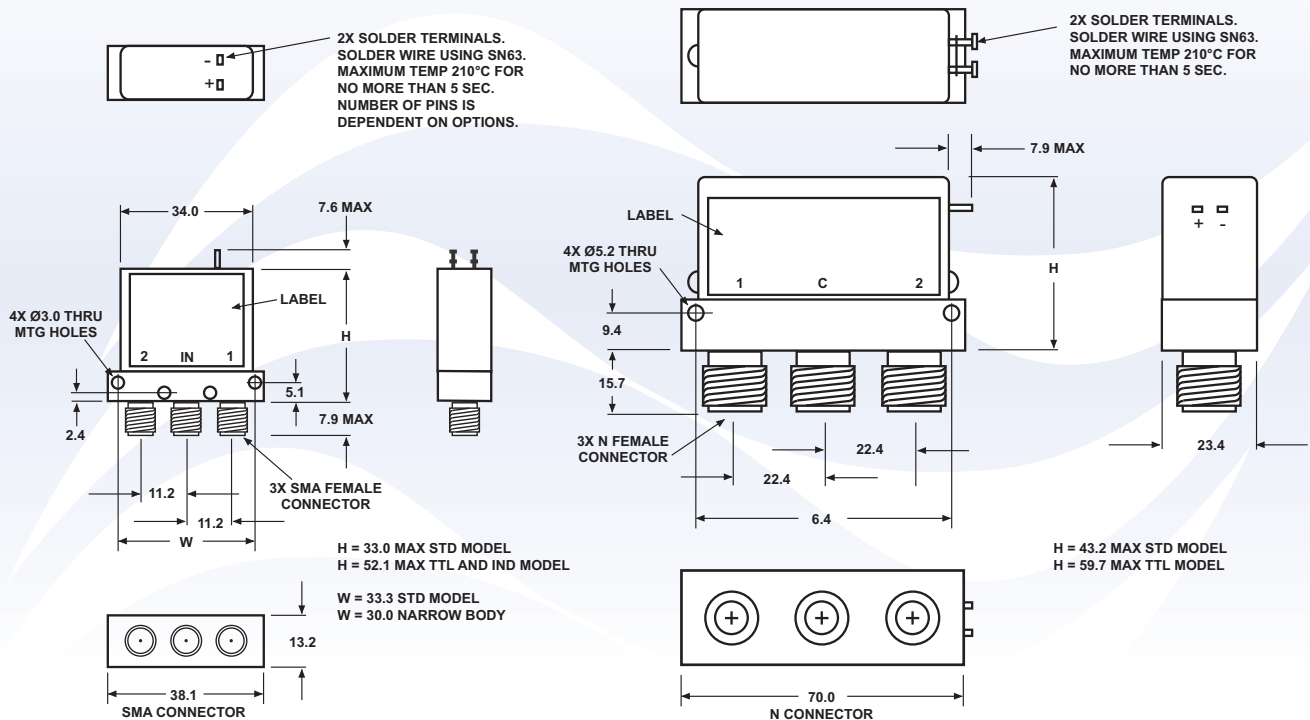
General Specifications				
Frequency Range	DC-6 GHz	6-12 GHz	12-18 GHz	18-26.5 GHz
VSWR (max.)	1.25:1	1.4:1	1.5:1	1.80:1/ (2.0:1 TRAN series)
Insertion Loss (max.)	0.20dB	0.40dB	0.50dB	0.70dB / (0.80dB TRAN)
Isolation (min.)	70dB	60dB	60dB	50dB
RF Contacts	Break before Make			
Switch Time	15 – 30ms			
Impedance	50 Ohms (75 Ohms available for SPDT upon Request)			
Temperature Range	-25°C to +65°C Operating (wider range available for environments where additional shock, vibration and humidity tolerance required).			
Humidity	Moisture Seal Available			
Shock	MIL-STD-202 Method 213, Condition D (500G Non Operating)			
Vibration	MIL-STD-202 Method 214, Condition D (10G RMS Non Operating)			
Operating Life	1 Million Cycles			
MTBF	MIL-HDBK-217F Fixed 25°C, <1 Cycle per hour			

Typical Stock Examples	
ASPD-T-S-F-18-12V	SMA, Failsafe without Indicator, 18GHz, 12V
ASPD-T-S-LI-18-5V-S	SMA, Latching with Indicator, 18GHz, 5V, Self Cutoff
ASPD-T-S-L-18-12V-D	SMA, Latching without Indicator, 18GHz, 12V, TTL
ASPD-T-S-F-18-15V-D	SMA, Failsafe without Indicator, 18GHz, 15V, TTL
ASPD-T-S-FI-18-15V-D	SMA, Failsafe with Indicator, 18GHz, 15V, TTL
ASPD-T-S-L-18-15V-D	SMA, Latching without Indicator, 18GHz, 15V, TTL
ASPD-T-S-LI-18-15V-D	SMA, Latching with Indicator, 18GHz, 15V, TTL
ASPD-T-S-F-18-28V-D	SMA, Failsafe without Indicator, 18GHz, 28V, TTL
ASPD-T-S-L-18-28V-D	SMA, Latching without indicator, 18GHz, 28V, TTL
ASPD-T-S-LI-26-12V	SMA, Latching with Indicator, 26.5GHz, 12V
ASP6T-S-O-18-12V	SMA, Normally open without Indicator, 18GHz, 12V
ATRAN-S-FI-8-12V-D-S9	SMA, Failsafe with Indicator, 8GHz, 12V, TTL, 9Pins D-Sub Control

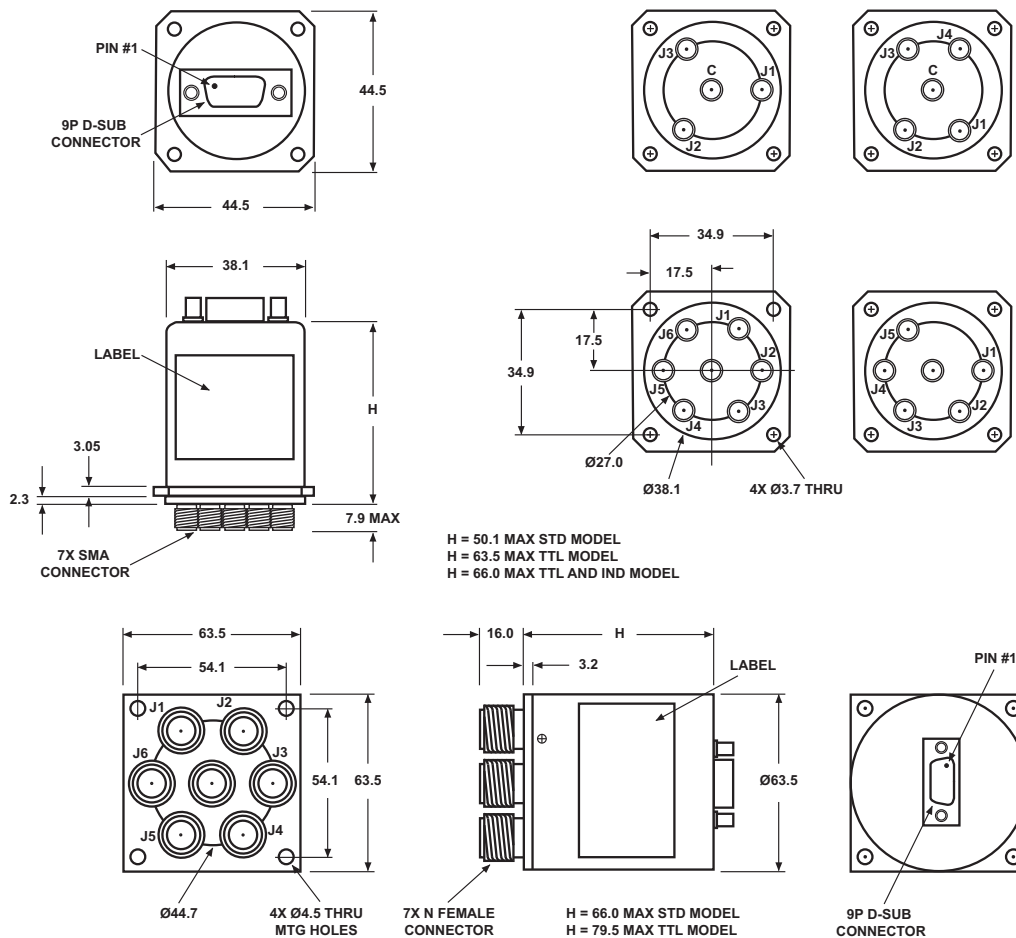
For full range and all the options available, please refer to the Model Table on the back page.

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

Typical Outlines (size may vary dependent on options selected)



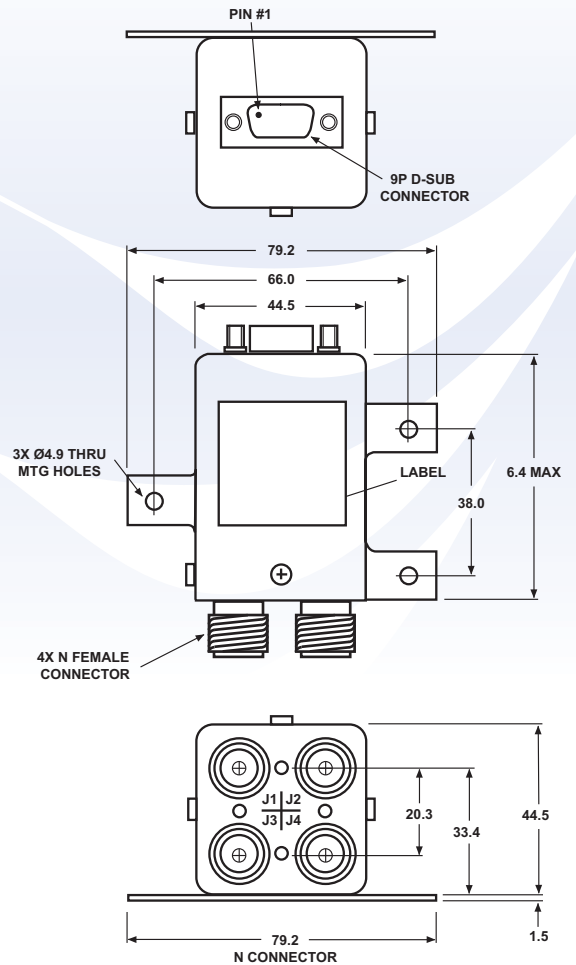
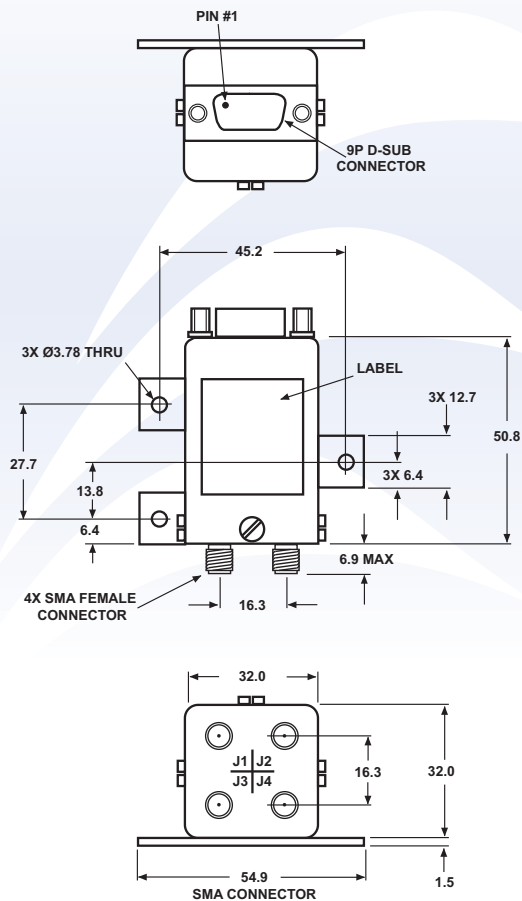
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Transfer Switches

Typical Outline



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