

**SEM Series****SP3T / DC-18 GHz**

- Five Models In Stock in 3 Position Series
- Standard Features Include:
Normally Open and Latching Models
TTL Logic Control, Suppression Diodes
- All Models Supplied with Indicator Circuits

MODEL NO.	FEATURES	ACTUATING CURRENT mA @28 Vdc & 25°C	FREQUENCY RANGE DC-18GHz	INSERTION LOSS dB (max)	VSWR (max)	ISOLATION dB (min)
SEM133	SP3T (SMA) NORMALLY OPEN INDICATOR CKT	140	DC-3 3-8 8-12.4 12.4-18	0.2 0.3 0.4 0.5	1.2:1 1.3:1 1.4:1 1.5:1	80 70 60 60
SEM133D	SP3T (SMA) NORMALLY OPEN TTL* SUPPRESSION DIODES INDICATOR CKT	140	DC-3 3-8 8-12.4 12.4-18	0.2 0.3 0.4 0.5	1.2:1 1.3:1 1.4:1 1.5:1	80 70 60 60
SEM133T	SP3T (SMA) NORMALLY OPEN TERMINATED INDICATOR CKT	140	DC-3 3-8 8-12.4 12.4-18	0.2 0.3 0.4 0.5	1.2:1 1.3:1 1.4:1 1.5:1	80 70 60 60
SEM133DT	SP3T (SMA) NORMALLY OPEN TERMINATED TTL* SUPPRESSION DIODES INDICATOR CKT	180	DC-3 3-8 8-12.4 12.4-18	0.2 0.3 0.4 0.5	1.2:1 1.3:1 1.4:1 1.5:1	80 70 60 60
SEM133LT	SP3T (SMA) PULSE LATCHING TERMINATED INDICATOR CKT	300	DC-3 3-8 8-12.4 12.4-18	0.2 0.3 0.4 0.5	1.2:1 1.3:1 1.4:1 1.5:1	80 70 60 60

*APPLIES TO ALL SWITCHES WITH TTL:

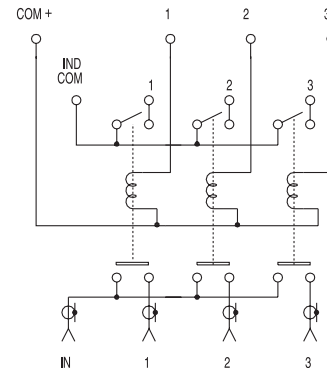
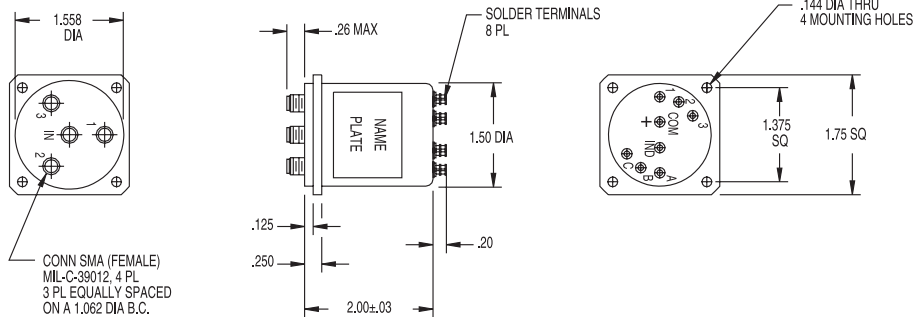
1. Selected position of the switch is controlled by TTL Logic High
2. Switch required only nominal +28 Vdc for coils (additional 5 Vdc is not required).
3. TTL Logic Voltage Level: Low 0 to 0.8 Vdc High 2.5 to 5.0 Vdc
4. TTL Logic Input Current: Low 0 mA High 1.6 mA max @ 3.85 Vdc



Stocked Switches — SP3T

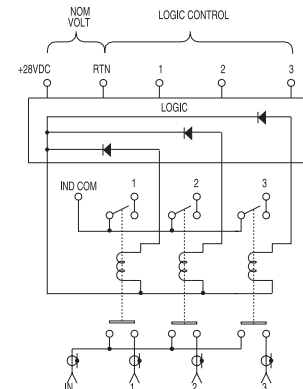
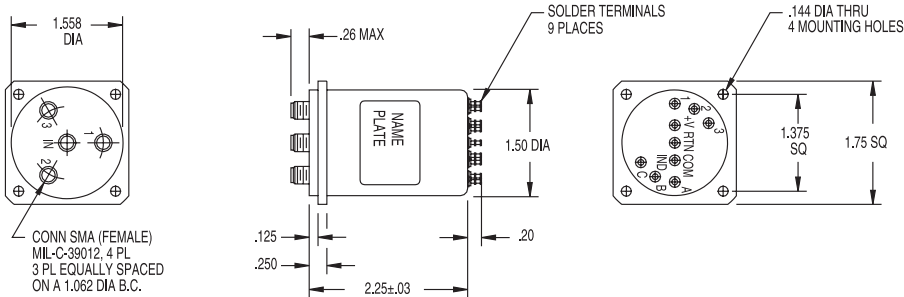
50 Years of
Excellence

SEM133



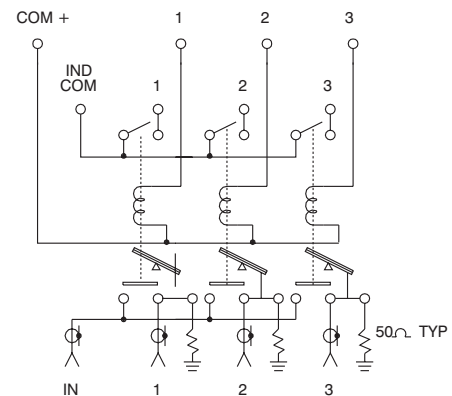
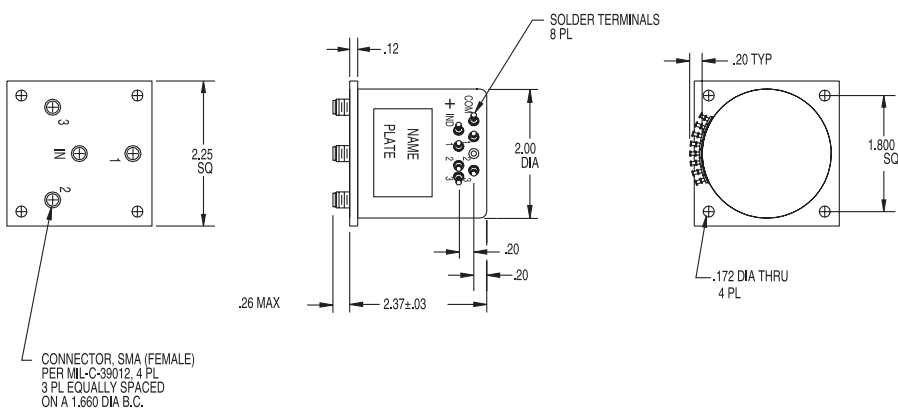
SCHEMATIC SHOWN IN NORMALLY OPEN POSITION

SEM133D



SCHEMATIC SHOWN IN NORMALLY OPEN POSITION

SEM133T



SCHEMATIC SHOWN IN POSITION 1 CLOSED

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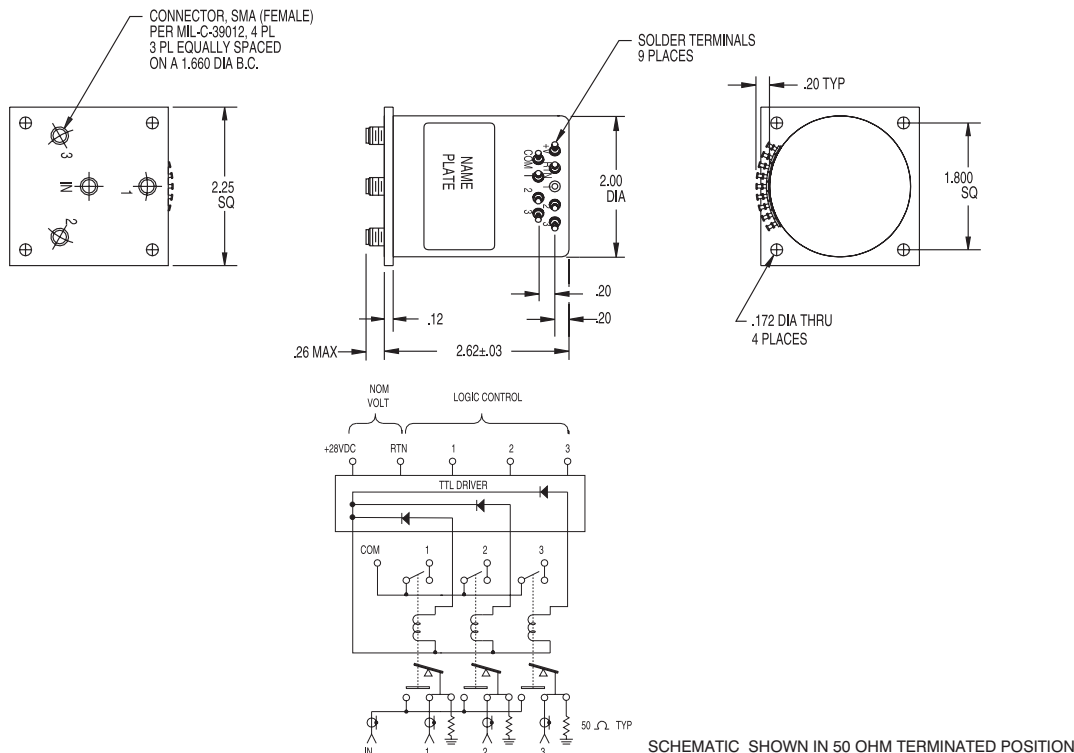
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Stocked Switches — SP3T

SEM133DT



SEM133LT

