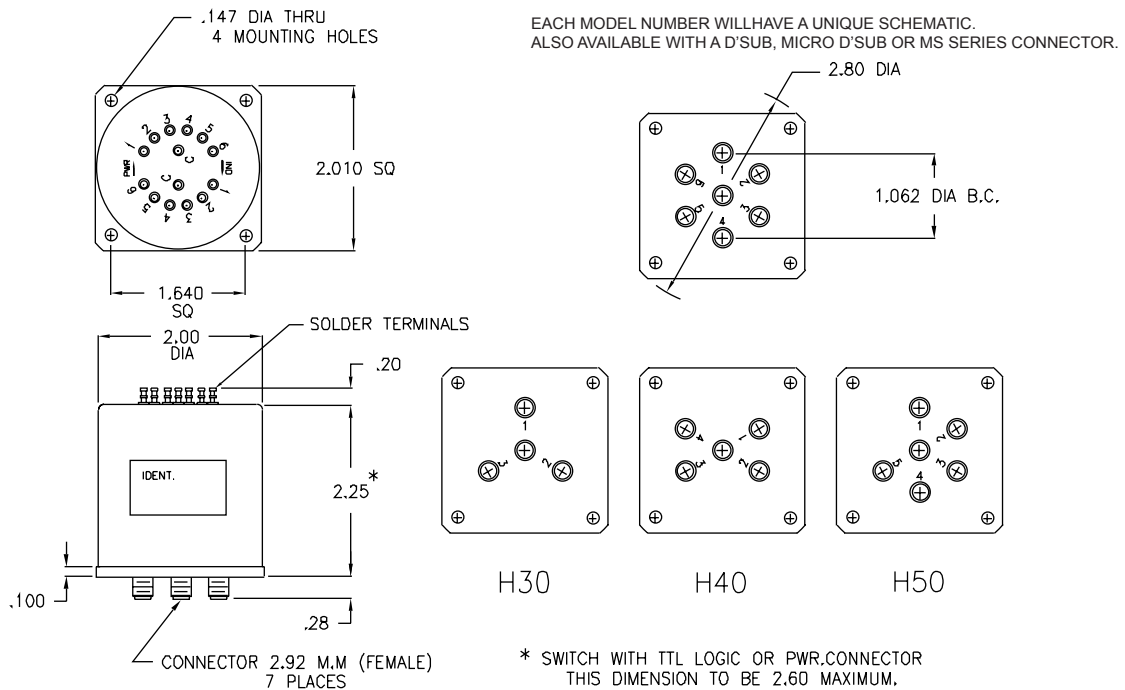


H30 - H60 SERIES SP3T - SP6T DC - 40.0 GHz 2.92 mm



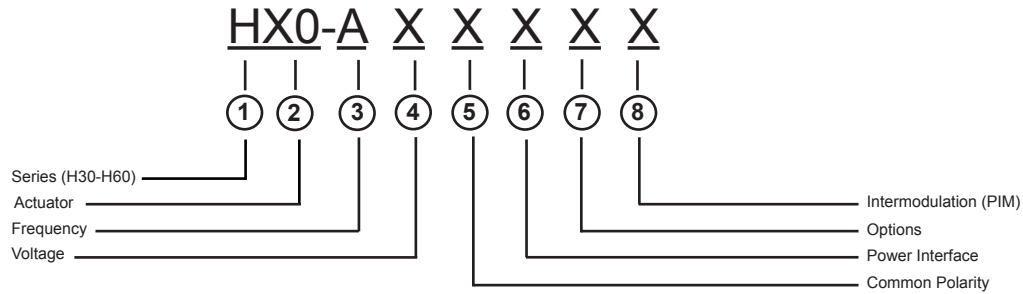
| FREQUENCY: GHz | DC - 2.0 | 2.0 - 6.0 | 6.0 - 12.4 | 12.4 - 18.0 | 18.0 - 26.5 | 26.5 - 40.0 |
|---|----------|-----------|------------|-------------|-------------|-------------|
| VSWR (MAX.) | 1.20:1 | 1.30:1 | 1.40:1 | 1.50:1 | 1.60:1 | 1.60:1 |
| INSERTION LOSS (MAX.) | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.60 |
| ISOLATION (MIN.) | 90 | 80 | 70 | 60 | 60 | 60 |
| IMPEDANCE | 50 Ohms | | | | | |
| MECHANICAL | | | | | | |
| CONTACT : BREAK BEFORE MAKE | | | | | | |
| ACTUATOR : FAILSAFE, LATCHING, MOMENTARY | | | | | | |
| SWITCHING SPEED : 20 mSEC MAX. | | | | | | |
| ELECTRICAL | | | | | | |
| ACTUATOR VOLTAGE : 28.0, 12.0, 15.0, 24.0 Vdc | | | | | | |
| ACTUATOR CURRENT : CONTACT CEI | | | | | | |
| POWER HANDLING : 200 WCW @ 1.0 GHz | | | | | | |
| ENVIRONMENTAL | | | | | | |
| OPERATING TEMP : -40 DEG. C TO 85 DEG. C | | | | | | |
| SHOCK : 50 G's (SAWTOOTH) | | | | | | |
| RANDOM VIBRATION : 15 G's rms (NON-OPERATING) | | | | | | |
| LIFE : 1,000,000 CYCLES | | | | | | |
| FINISH | | | | | | |
| RF CAVITY : ALUMINUM ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 4 (EXCEPT LOW OR ULTRA LOW IM MODELS) | | | | | | |
| ENCLOSURE : ALUMINUM, BLUE OR BLACK | | | | | | |
| CONTACT : BERYLLIUM COPPER, GOLD PLATED PER MIL-G-45204 | | | | | | |
| CONNECTOR SHELL : CRES, PASSIVATED PER QQ-P-35 OR BRASS | | | | | | |
| NOTE : FINISH MAY VARY WITH /MS VERSION | | | | | | |
| AVAILABLE OPTIONS | | | | | | |
| INDICATOR CIRCUITRY : CUT OFF POWER CIRCUIT | | | | | | |
| SUPPRESSION DIODE : D'SUB MINIATURE SERIES | | | | | | |
| TTL LOGIC : BCD DECODER | | | | | | |
| LOW, ULTRA LOW, AND SUPERIOR INTERMODULATION (PIM) | | | | | | |

NOTE: REFERENCE FOR DIMENSIONS ONLY



H30-H60

H30-H60 SERIES PART NUMBER & ORDERING INFORMATION

**1 - Switch Series**

| | |
|-----|----------|
| H30 | SP3T SMA |
| H40 | SP4T SMA |
| H50 | SP5T SMA |
| H60 | SP6T SMA |

2 - Actuator

| | | | |
|---|---|---|--|
| F | FAILSAFE | R | MOMENTARY |
| G | FAILSAFE WITH SUPPRESSION DIODE | S | MOMENTARY WITH SUPPRESSION DIODE |
| H | FAILSAFE WITH INDICATOR | T | MOMENTARY WITH INDICATOR |
| J | FAILSAFE WITH SUPPRESSION DIODE AND INDICATOR | U | MOMENTARY WITH SUPPRESSION DIODE AND INDICATOR |
| L | LATCHING | Y | OTHER (SPECIFY) |
| M | LATCHING WITH SUPPRESSION DIODE | | |
| N | LATCHING WITH INDICATOR | | |
| P | LATCHING WITH SUPPRESSION DIODE AND INDICATOR | | |

3 - Frequency Bandwidth

| | |
|---|---------------|
| A | DC - 40.0 GHz |
|---|---------------|

4 - Voltage

| | | | |
|---|----------------------------|---|----------------------------|
| 1 | 10 - 14 Vdc (12.0 NOMINAL) | 4 | 26 - 30 Vdc (28.0 NOMINAL) |
| 2 | 13 - 17 Vdc (15.0 NOMINAL) | 5 | OTHER |
| 3 | 22 - 26 Vdc (24.0 NOMINAL) | 0 | NOT REQUIRED |

5 - Common Polarity

| | |
|---|-----------------------------------|
| 1 | POSITIVE (+) COMMON |
| 2 | NEGATIVE (-) OR RETURN Vdc COMMON |
| 0 | NOT REQUIRED |

6 - Power Interface

| | | | |
|---|---|---|---|
| 1 | SOLDER TERMINAL (TOP OF SWITCH) | 5 | D' SUB MINIATURE SERIES (TOP OF SWITCH) |
| 3 | CONN MS3112E-XX-XXP OR EQUIV. (TOP OF SWITCH) | 8 | OTHER |

7 - Options

| | | | |
|---|---|---|---------------------------|
| 1 | CUT OFF POWER CIRCUIT (LATCHING ONLY) | 8 | OTHER (SPECIFY) |
| 2 | TTL LOGIC | 9 | CUSTOM (ORDER) |
| 3 | CUT OFF PWR CIRCUIT & TTL LOGIC (LATCHING ONLY) | 0 | NO OTHER OPTIONS REQUIRED |
| 4 | BCD TTL DECODER (NOT AVAILABLE WITH OPTION /MS) | | |

8 - Intermodulation

| | | | |
|---|----------------------------------|---|-----------------------------------|
| 7 | LOW PASSIVE INTERMUDULATION | 9 | ULTRA LOW PASSIVE INTERMODULATION |
| 8 | SUPERIOR PASSIVE INTERMODULATION | 0 | STANDARD SWITCH |

9 - Special Options (Not Available)