

SPDT Switches

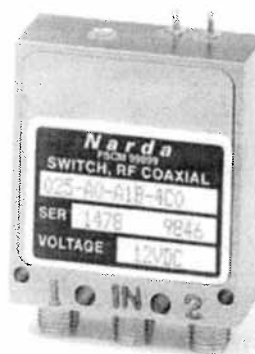
50 Years of Excellence

Series 025

SPDT / DC-26.5 GHz / SMA

RF Performance

Frequency Range (GHz)	DC-3	3-8	8-12.4	12.4-18	18-26.5
VSWR (Max)	1.2:1	1.3:1	1.4:1	1.5:1	1.7:1
Insertion Loss (Max dB)	0.2	0.3	0.4	0.5	0.7
Isolation (Min dB)	80	70	60	60	50



Additional Specifications

- RF Impedance 50 ohms nominal
- Actuating Voltage* 28 Vdc
- Actuating Current* (Failsafe) 160 mA (max)
- (Latching) 200 mA (max)
- Switching Time 15 ms (max)
- Switching Sequence Break Before Make
- Operating Mode* Failsafe & Latching
- Operating Ambient Temperature -35°C to +70°C
- Operating Life 2 Million Cycles per Position
- Designed to Meet MIL-S-3928

Standard SEM models from this series are available from stock. See page 235 for a complete listing of stock switches.

Options Available

GROUP 2 ACTUATION

- A - FAILSAFE
- B - LATCHING

GROUP 3 OPTIONS

- 0 - NONE
- 2 - INDICATOR CIRCUITRY
- 3 - SUPPLY SSBW DUBLES
- 4 - TTL LOGIC HIGH
- 7 - SELF DE-ENERGIZING CIRCUITRY
- 9 - OTHER (SPECIFY)

GROUP 4 RF CONNECTORS

- 2 - SMA
- 9 - OTHER (SPECIFY)

GROUP 5 TERMINALS

- 1 - SOLDER (STANDARD)
- 3 - POWER CONNECTOR, FAST DISCONNECT (SUB MIN "D")
- 4 - SOLDER (LEAD)
- 5 - OTHER (SPECIFY)

GROUP 6 VOLTAGE

- B - 12 VDC
- C - 24 VDC
- D - 28 VDC
- E - 48 VDC
- G - OTHER (SPECIFY)
- H - 15 VDC
- I - 18 VDC

GROUP 7 FREQUENCY

- 0 - DC - 1 GHz
- 1 - DC - 3 GHz
- 2 - DC - 8 GHz
- 3 - DC - 12.4 GHz
- 4 - DC - 18 GHz
- 5 - DC - 26.5 GHz
- 7 - OTHER (SPECIFY)

GROUP 8 POLARITY

- A - COMMON PLUS
- B - COMMON MINUS
- C - NOT RELEVANT TO APPLICATION OR SWITCHES WITH LOGIC

GROUP 9 MOUNTING

- 0 - STANDARD MOUNTING HOLES
- 3 - OTHER (SPECIFY)

Switch Height (A) For Selected Options

DIM A $\pm .03$	GROUP 5 TERMINAL
1.5	1
2.1**	3

* Specifications for 28 Vdc, 25°C

** Dimension for switches with Standard Narda Power Connector M24308/3-1 mating with M24308/1-1

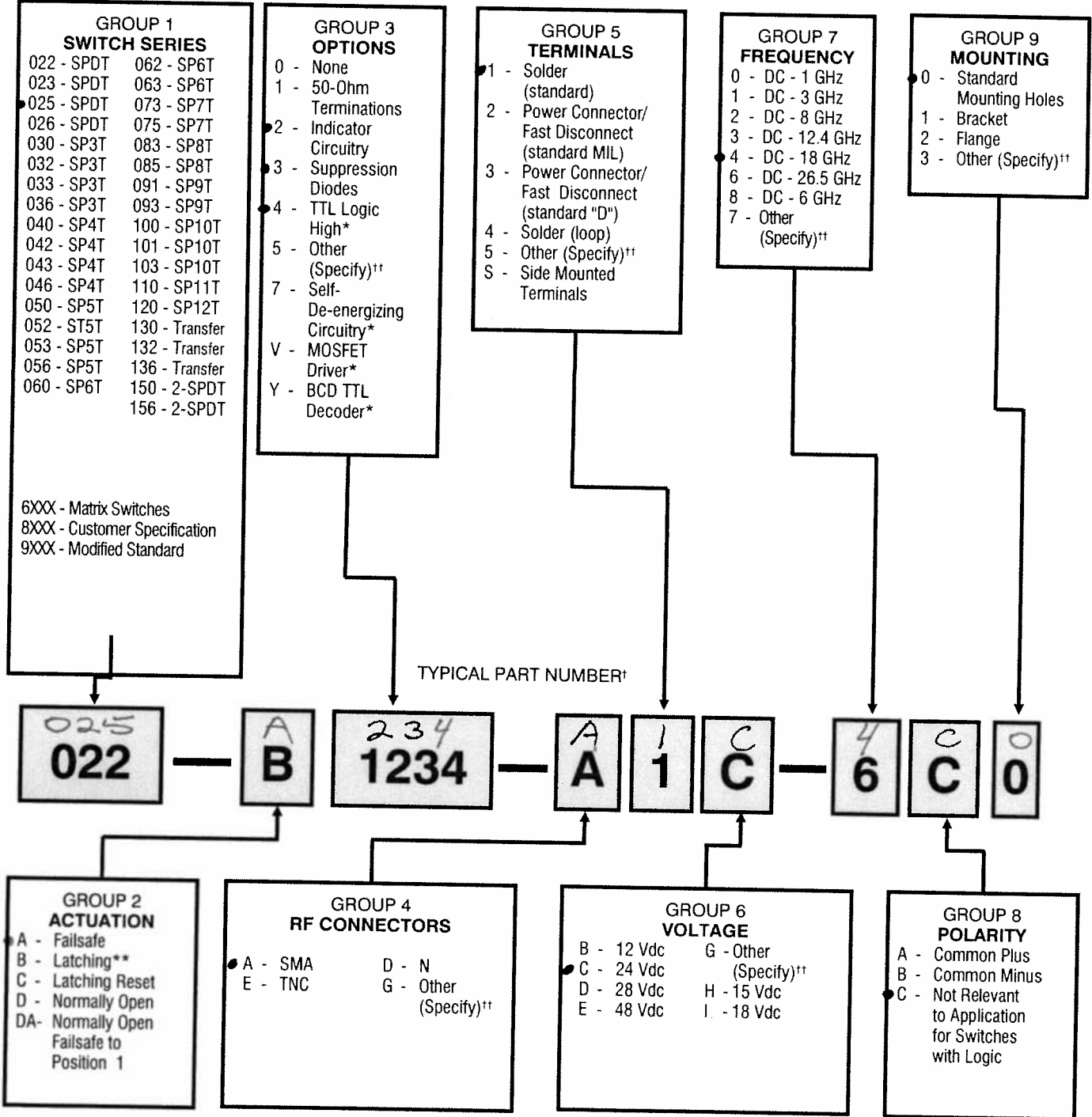


narda

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Part Number Charts



* If this option is selected, suppression diodes (option 3) must also be selected.
 ** Requires pulse control of duration 30 to 100 ms unless self-de-energizing circuitry option is chosen. Self-de-energizing circuitry is recommended for multi-throw switches.
 † Sample part number identifies: SPDT switch, latching, 50-ohm termination, indicator circuitry suppression diodes, TTL logic, SMA connectors, solder terminals, 24 Vdc, DC-26.5 GHz, polarity not relevant.
 †† Consult the factory if "Other" is specified in any field.