

5,000,000 SPDT Coaxial Switch 2EL / 2ELE Series



2EL / 2ELE Series Switch

Ducommun's 2EL / 2ELE Series SPDT coaxial switch features SMA connectors and a frequency range of DC to 26.5 GHz.

Specifications

- Weight (max): 2.1 os
- RF impedance: 50 ohms nominal
- Operating life: 5,000,000 cycles
- Operating temperature:
 - > Failsafe: -55°C to +85°C ambient
 - > Latching: -25°C to +85°C ambient
- Switching sequence: Break-Before-Make

Features

- SMA connectors
- Latching, self cut-off
- Diodes and indicator circuitry
- Operating life of 5,000,000 cycles

Applications

- Radar systems
- Communications
- Electronic warfare
- Navigation systems

Specifications

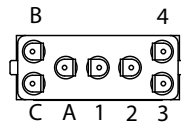
Frequency (GHz)	DC - 1 GHz	1 - 3 GHz	3 - 5 GHz
V.S.W.R. (max)	1.15 : 1	1.35 : 1	1.5 : 1
Insertion loss (max)	0.15 dB	0.35 dB	0.50 dB
Impedance	70 dB	65 dB	60 dB

Actuator Current (typical)	12 Vdc	12 - 15 Vdc	20 - 24 Vdc	24 - 30 Vdc
Fail-safe	480 mA	480 mA	270 mA	280 mA
Latching	280 mA	280 mA	270 mA	220 mA

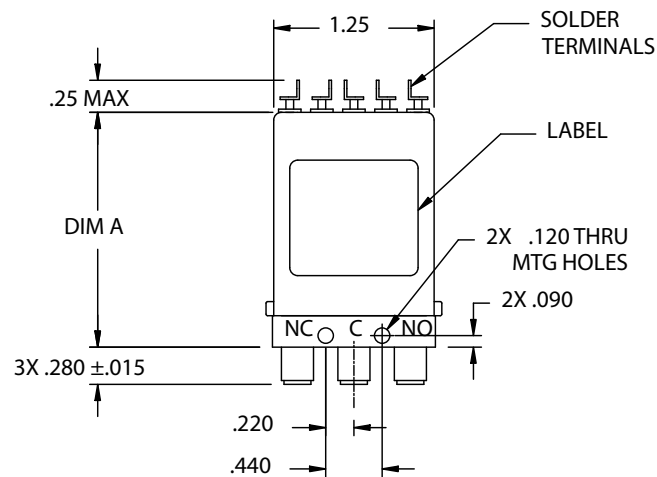
All specifications are subject to change without notice.

OUTLINE DRAWINGS

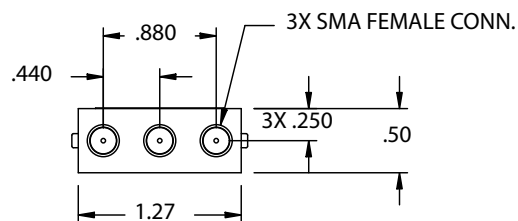
Top View



Front View



Bottom View



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For more information, contact our sales team at 310.513.7200 or rfsales@ducommun.com