NSN 5985-00-625-9681

Radio Frequency Transmission Line Switch - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-625-9681 **Body Style:** Rectangular **Overall Length:** 2.550 inches **Overall Height:** 2.130 inches **Overall Width:** 1.370 inches Frequency Rating: 9.0 gigahertz and 9.2 gigahertz single frequency voltage standing wave ratio **Unthreaded Mounting Hole Diameter:** 0.149 inches Switch Type: Nontransfer **Longest Horizontal Distance Between Mounting Centers:** 1.082 inches single mounting facility pattern and 1.098 inches single mounting facility pattern **Longest Vertical Distance Between Mounting Centers:** 1.772 inches single mounting facility pattern and 1.788 inches single mounting facility pattern **Operating Tempurature Range:** -18.0/+70.0 degrees celsius **End Application:** E-2c hawkeye aircraft. Rh-53 helicopter, h-46 sea knight helicopter. **Voltage Standing Wave Ratio:** 1.50 single **Insertion Loss In Decibels:** 0.50 single **Coaxial Connector Series Designation:** Sma **Connector End Design:** Female Rf Power Handling Capability: 2.0 watts average single Minimum Crosstalk Rating In Decibels: 60.0 single **Actuator Operating Method:** Relay **Actuator Current Type And Rating In Amps:** 2.0 dc **Actuator Voltage In Volts:** 28.0

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Switch Operation Sequence:

Breaks before makes

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Switching Time:
20.0 milliseconds
Switch Return Mechanism Type:
Fail-safe
Pole Quantity:
1
Throw Quantity:
2
Coupling Position Quantity:
3
Mounting Facility Type And Quantity:
3 unthreaded hole
Mounting Facility Pattern:
Isosceles triangle single mounting facility pattern
Criticality Code Justification:
Feat
Special Features:
Weapon system essential
Material:
Aluminum alloy body
Material Specification:
Qq-a-250/11, alloy 6061, t6 federal specification single material response body
Unpackaged Unit Weight:
4.000 ounces
Surface Treatment:
Lacquer body outside surfaces
Terminal Type And Quantity:
6 tab, solder lug
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
Demintarization:
Yes - demil/mli