NSN 5985-00-623-3656

Radio Frequency Transmission Line Switch - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-623-3656

Body Style:
Rectangular
Overall Length:
1.375 inches
Overall Height:
1.187 inches
Overall Width:
1.438 inches
Frequency Rating:
225.0 megahertz and 400.0 megahertz single frequency operating225.0 megahertz and 400.0 megahertz single frequency rf power
handling225.0 megahertz and 400.0 megahertz single frequency voltage standing wave ratio225.0 megahertz and 400.0 megahertz
single frequency insertion loss reference225.0 megahertz and 400.0 megahertz single frequency crosstalk reference
Switch Type:
Nontransfer
Operating Tempurature Range:
-55.0/+85.0 degrees celsius
Voltage Standing Wave Ratio:
1.20 single
Insertion Loss In Decibels:
0.25 single
Coaxial Connector Series Designation:
N and mb
Connector End Design:
Female
Rf Power Handling Capability:
30.0 watts average single
Minimum Crosstalk Rating In Decibels:
40.0 single
Actuator Operating Method:
Relay
Actuator Voltage In Volts:
28.0
Switch Operation Sequence:
Makes before breaks
Switch Return Mechanism Type:
Fail-safe
Pole Quantity:
1
Throw Quantity:
2
Rf Maximum Voltage Rating:

3

500.0 volts rms

Coupling Position Quantity:

NSN 5985-00-623-3656

Fiig: A158a0

Radio Frequency Transmission Line Switch - Page 2 of 2



Mounting Facility Type And Quantity:
2 plug-in
Special Features:
$Impedance\ 50.0\ ohms;\ duty\ cycle\ continuous;\ life\ expectancy\ 100,\ 000\ operations\ ;\ input\ connector\ pressurized\ to\ 30.0\ psig$
Material:
Aluminum body
Surface Treatment:
Chromate body all surfaces
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No