NSN 5935-01-170-7813

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View Online at https://aerobasegroup.com/nsn/5935-01-170-7813 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** Between 1.461 inches and 1.603 inches **Overall Height:** 1.750 inches **Overall Width:** 1.750 inches **Environmental Protection:** Moisture proof and salt water resistant and vibration proof **Unthreaded Mounting Hole Diameter:** Between 0.175 inches and 0.181 inches Center To Center Distance Between Mounting Facilities Parallel To Height: 1.375 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 1.375 inches **Distance From Mounting Shoulder To Front Face:** Between 0.812 inches and 0.828 inches **Threaded Device Type:** Coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 24-28 single mating end **Contact Removability:** Nonremovable single mating end single contact grouping **Contact Maximum Current Rating In Amps:** 22.0 single mating end single contact grouping **Contact Maximum Ac Voltage Rating In Volts:** 200.0 single mating end single contact grouping **Contact Maximum Dc Voltage Rating In Volts:** 250.0 single mating end single contact grouping **Polarization Method:** Keyway or multiple keyway **Insert Position In Deg:** 110.0

Shell Type:

Solid

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Fiig: A039b0

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Connector Locking Method:
Externally threaded shell
End Application:
An/spn-43at4
Thread Length:
0.625 inches
Thready Qty Per Inch (tpi):
10
Thread Size:
1.500 inches
Terminal Location:
Back single mating end single contact grouping
Contact Material:
Copper alloy single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping and nickel single mating end single contact grouping
Insert Material:
Rubber single mating end
Contact Surface Treatment Specification:
Mil-g-45204 type 1, grade b military specification 1st treatment response single mating end single contact grouping and qq-n-290 cl 1, grade
b federal specification 2nd treatment response single mating end single contact grouping
Terminal Type:
Solder well single mating end single contact grouping
Shell Material:
Aluminum
Included Contact Quantity:
24 single mating end single contact grouping
Included Contact Type:
Round pin single mating end single contact grouping
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.024 gold grains, troy
Precious Material:
Gold
Thread Series Designator:
Double stub
Shelf Life:
N/a
Unit Of Measure:
-
Demilitarization:
No

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Mil-std (military Standard):

Mil-g-45204 spec.