

View Online at <https://aerobasegroup.com/nsn/5935-00-615-6505>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling w/backshell

**Overall Length:**

Between 2.380 inches and 2.440 inches

**Overall Height:**

Between 2.470 inches and 2.530 inches

**Overall Width:**

Between 2.470 inches and 2.530 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.168 inches and 0.178 inches

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 1.933 inches and 1.943 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

Between 1.933 inches and 1.943 inches

**Distance From Mounting Shoulder To Front Face:**

Between 0.850 inches and 0.910 inches

**Threaded Device Type:**

Back shell and coupling facility

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

36-2011-34 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:**

500.0 single mating end single contact grouping

**Contact Maximum Dc Voltage Rating In Volts:**

700.0 single mating end single contact grouping

**Polarization Method:**

Contact

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**Thready Qty Per Inch (tpi):**

18 and 16

**Thread Size:**

2.000 inches and 2.250 inches

**Terminal Location:**

Back single mating end single contact grouping

**Contact Material:**

Copper alloy single mating end single contact grouping

**Contact Surface Treatment:**

Cadmium single mating end single contact grouping

**Insert Material:**

Plastic polytetrafluoroethylene single mating end

**Contact Surface Treatment Specification:**

Qq-p-416, type 2 class 3 federal specification single treatment response single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Included Contact Quantity:**

52 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Thread Series Designator:**

Uns and un

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A039b0