

View Online at <https://aerobasegroup.com/nsn/5935-01-030-1838>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, power type

**Overall Length:**

Between 3.469 inches and 3.531 inches

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

Between 2.745 inches and 2.755 inches

**Overall Height:**

2.688 inches

**Overall Width:**

Between 4.190 inches and 4.252 inches

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

Between 3.745 inches and 3.755 inches

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

Between 0.719 inches and 0.781 inches

**Mounting Facility Thickness:**

0.188 inches

**Threaded Device Type:**

Mounting stud

**Mating End Quantity:**

1

**Contact Removability:**

Nonremovable single mating end all contact groupings

**Shell Type:**

Solid

**Connector Locking Method:**

Friction

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

32

**Thread Size:**

0.190 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Silver single mating end all contact groupings

**Contact Surface Treatment Specification:**

Qq-s-365 federal specification single treatment response single mating end all contact groupings

**Terminal Type:**

Threaded stud single mating end all contact groupings

**Shell Material:**

Aluminum alloy 356.0

**Shell Surface Treatment:**

Anodize

**Shell Surface Treatment Specification:**

Mil-a-8625, type 1 or type 2 military specification single treatment response

**Shell Material Specification:**

Qq-a-596 federal specification single material response or qq-a-601 federal specification single material response

**Included Contact Quantity:**

4 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end all contact groupings

**Precious Material And Location:**

Contact surfaces silver

**Precious Material And Weight:**

0.030 silver grains, troy

**Precious Material:**

Silver

**Test Data Document:**

81349-mil-c-81790 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf

**Specification Data:**

96906-ms90362 government standard

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A039b0

**Mil-std (military Standard):**

Mil-a-8625 spec.