

View Online at <https://aerobasegroup.com/nsn/5935-01-477-7570>

**Thread Class:**

2a

**Thread Direction:**

Right-hand and right-hand

**Body Style:**

Straight shape, external coupling

**Unable To Decode:**

Unable to decode and unable to decode and unable to decode

**Overall Length:**

37.4 millimeters

**Overall Height:**

46.0 millimeters

**Overall Width:**

46.0 millimeters

**Environmental Protection:**

Corrosion resistant and dust resistant and fuel resistant and fungus resistant and heat resistant and humidity resistant and moisture resistant and oil resistant and salt spray proof and sand resistant and shock proof and solvent resistant and vibration proof and weather resistant

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

Between 34.9 millimeters and 38.1 millimeters

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

Between 34.9 millimeters and 38.1 millimeters

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

18.7 millimeters

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

25-46 single mating end

**Contact Removability:**

Removable single mating end all contact groupings

**Polarization Method:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0 and 80.0 and 142.0 and 196.0 and 293.0

**Shell Type:**

Solid

**Connector Locking Method:**

Externally threaded shell

**End Application:**

1520-01-355-8250

**Thread Size:**

37.0 millimeters and 1.625 inches

**Terminal Location:**

Back single mating end all contact groupings

**Contact Material:**

Copper alloy single mating end all contact groupings

**Contact Surface Treatment:**

Gold single mating end all contact groupings

**Crimping Tool Identifying Number:**

81349-m22520/1, /2 and /7

**Terminal Type:**

Crimp single mating end all contact groupings

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416 federal specification all treatment responses

**Thread Tolerance Class:**

6g external

**Included Contact Quantity:**

4 single mating end 2nd contact grouping

**Included Contact Type:**

Round pin single mating end 3rd contact grouping

**Special Features:**

Contacts consist of 2 size 8 coax (m39029/60-367); 4 size 16 power (m39029/58-364) and 40 size 20 power (m39029/58-363)

**Color:**

Olive drab

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Supplementary Features:**

Mounting method - flange

**Test Data Document:**

81349-mil-dtl-38999 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:**

Iso m and special acme

**Specification Data:**

81349-mil-dtl-38999 government specification and 81349-mil-c-38999/20 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

1-0001-0

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

Mil-dtl-38999 spec.