

View Online at <https://aerobasegroup.com/nsn/5935-01-327-4681>

**Thread Class:**

2a

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape, external coupling

**Overall Length:**

65.0 millimeters

**Overall Height:**

Between 50.5 millimeters and 51.1 millimeters

**Overall Width:**

Between 50.5 millimeters and 51.1 millimeters

**Environmental Protection:**

Watertight

**Unthreaded Mounting Hole Diameter:**

Between 3.7 millimeters and 3.8 millimeters

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

Between 39.6 millimeters and 39.8 millimeters

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

Between 39.6 millimeters and 39.8 millimeters

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

Between 24.05 millimeters and 24.45 millimeters

**Threaded Device Type:**

Back shell

**Mating End Quantity:**

1

**Contact Position Arrangement Style:**

28-21 single mating end

**Contact Removability:**

Removable 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:**

Keyway or multiple keyway

**Insert Position In Deg:**

0.0

**Shell Type:**

Solid

**Connector Locking Method:**

Bayonet slot

**End Application:**

2350-01-305-0028 howitzer, medium, self-propelled

**Thread Length:**

9.5 millimeters

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

18

**Thread Size:**

1.438 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 rhodium single mating end single contact grouping and silver single mating end single contact grouping

**Insert Material:**

Plastic single mating end

**Contact Surface Treatment Specification:**

Mil-g-45204 military specification 1st treatment response single mating end single contact grouping and qq-s-365 federal specification 3rd treatment response single mating end single contact grouping

**Terminal Type:**

Crimp single mating end single contact grouping

**Shell Material:**

Aluminum alloy

**Shell Surface Treatment:**

Cadmium and chromate

**Shell Surface Treatment Specification:**

Qq-p-416, type ii, class 2 federal specification all treatment responses

**Included Contact Quantity:**

37 single mating end single contact grouping

**Included Contact Type:**

Round socket single mating end single contact grouping

**Precious Material And Location:**

Contact surfaces gold and contact surfaces rhodium and contact surfaces silver

**Precious Material And Weight:**

0.037 gold grains, troy and 0.037 rhodium grains, troy and 0.037 silver grains, troy

**Precious Material:**

Gold and rhodium and silver

**Thread Series Designator:**

Unef

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fiig:**

A039b0

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

Mil-g-45204 spec.