

View Online at <https://aerobasegroup.com/nsn/5935-01-333-2428>

Thread Class:

2b

Thread Direction:

Right-hand

Body Style:

Straight shape

Overall Length:

1.425 inches

Overall Height:

Between 3.095 inches and 3.125 inches

Overall Width:

Between 1.985 inches and 2.015 inches

Environmental Protection:

Heat resistant and cold resistant and corrosion resistant

Unthreaded Mounting Hole Diameter:

Between 0.118 inches and 0.122 inches

Distance From Mounting Shoulder To Front Face:

0.766 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

2

Contact Position Arrangement Style:

8 1st mating end

Contact Removability:

Nonremovable all mating ends all contact groupings

Polarization Method:

Guide pin/socket

Shell Type:

Solid

Connector Locking Method:

Post jacksocket

End Application:

Tactical air operations module an/tyq-2 (v) 1

Operating Temperature Rating:

Between -55.0 degrees celsius and 125.0 degrees celsius

Thread Qty Per Inch (tpi):

24

Thread Size:

0.190 inches

Terminal Location:

Back all mating ends all contact groupings

Contact Material:

Copper alloy all mating ends all contact groupings

Contact Surface Treatment:

Gold all mating ends all contact groupings

Insert Material:

Plastic diallyl phthalate glass filled all mating ends or plastic epoxy all mating ends or plastic phenolic all mating ends

Contact Surface Treatment Specification:

Mil-g-45204, type 2, grade c, cl 1 military specification single treatment response all mating ends all contact groupings

Terminal Type:

Solder well all mating ends all contact groupings

Guide Design And Location:

Hexagon shape female post left-hand at 12 oclock and hexagon shape female post right-hand at 12 oclock

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium and chromate

Shell Surface Treatment Specification:

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

Shell Material Specification:

Qq-a-591 federal specification single material response or qq-a-367 federal specification single material response or qq-a-250 federal specification single material response

Insert Material Specification:

Mil-m-14, ty gdi-30f or sdg-f military specification 1st material response all mating ends or allied chemical 1288 bx mfr ref 2nd material response all mating ends or mil-m-14 military specification 3rd material response all mating ends

Included Contact Quantity:

4 1st mating end single contact grouping

Included Contact Type:

Round pin 2nd mating end 2nd contact grouping

Precious Material And Location:

Contact surfaces gold

Precious Material And Weight:

0.146 gold grains, troy

Precious Material:

Gold

Thread Series Designator:

Unc

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A039b0

Mil-std (military Standard):

Mil-std-15000