NSN 5935-00-296-7832

Electrical Receptacle Connector - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5935-00-296-7832 **Thread Class:** 2a **Thread Direction:** Right-hand **Body Style:** Straight shape, external coupling **Overall Length:** 3.125 inches **Overall Height:** Between 1.969 inches and 2.031 inches **Overall Width:** Between 1.969 inches and 2.031 inches **Environmental Protection:** Moisture resistant and salt water resistant and vibration resistant and fireproof **Unthreaded Mounting Hole Diameter:** Between 0.172 inches and 0.187 inches Center To Center Distance Between Mounting Facilities Parallel To Height: Between 1.557 inches and 1.567 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: Between 1.557 inches and 1.567 inches **Distance From Mounting Shoulder To Front Face:** Between 0.812 inches and 0.843 inches **Threaded Device Type:** Back shell and coupling facility **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 28-12 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:** Key, multiple key groove **Insert Position In Deg:**

0.0

Shell Type:

Solid

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Connector Locking Method:
Internally threaded coupling ring
Connector Cable Strain Relief Method:
Cable clamp
Thread Length:
0.531 inches
Thready Qty Per Inch (tpi):
18
Thread Size:
2.000 inches
Terminal Location:
Back single mating end single contact grouping
Contact Surface Treatment:
Gold single mating end single contact grouping and silver single mating end single contact grouping
Terminal Type:
Solder well single mating end single contact grouping
Shell Material:
Aluminum alloy
Included Contact Quantity:
26 single mating end single contact grouping
Included Contact Type:
Round pin single mating end single contact grouping
Precious Material And Location:
Contact surface gold and contact surface silver
Precious Material:
Gold and silver
Test Data Document:
81349-mil-c-5015 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:
Uns
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Fiig:
A039b0