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Electrical Receptacle Connector - Page 1 of 2



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Body Style: Rectangular shape **Overall Length:** 5.790 inches Center To Center Distance Between Mounting Facilities Parallel To Length: 5.350 inches **Overall Height:** 1.054 inches **Overall Width:** 0.680 inches **Environmental Protection:** Salt water resistant and humidity resistant and shock resistant and vibration resistant and thermal shock resistant **Unthreaded Mounting Hole Diameter:** 0.249 inches Distance Between Centerlines Of Mounting Facilities Parallel To Body Width: 0.249 inches **Mating End Quantity:** 1 **Contact Position Arrangement Style:** 2 rows of contacts non-inserted board single mating end **Contact Removability:** Nonremovable single mating end all contact groupings **Contact Maximum Current Rating In Amps:** 3.0 single mating end all contact groupings Shell Type: Solid **Connector Locking Method:** Friction **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 and nickel single mating end all contact groupings **Insert Material:** Plastic polyamide single mating end **Contact Surface Treatment Specification:** Mil-g-45204, type 2, class 1 military specification 1st treatment response single mating end all contact groupings and qq-n-290, class 2

Terminal Type:

Pin single mating end all contact groupings

Contact Material Specification:

Qq-b-613 federal specification single material response single mating end all contact groupings

federal specification 2nd treatment response single mating end all contact groupings

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Mil-g-45204 spec.

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Shell Material:
Aluminum alloy
Insert Material Specification:
L-p-395, type 1 federal specification single material response single mating end
Included Contact Quantity:
67 single mating end 2nd contact grouping
Included Contact Type:
Round pin single mating end all contact groupings
Special Features:
$25\ \text{are}$ ground contacts; $\ \text{mtg}$ holes are two different sizes 0.135 in. Dia, 0.249 in. Dia
Precious Material And Location:
Contact surfaces gold
Precious Material And Weight:
0.092 gold grains, troy
Precious Material:
Gold
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A039b0
Mil-std (military Standard):