

4mm Golded Banana Jack w/ 14.5mm Round Nut M4 Threaded Stud & Hex Nut



RoHS
Compliant



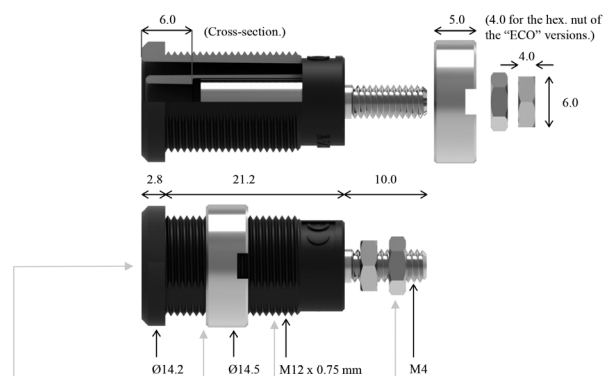
Application

General purpose electric and electronic testing, controlling and measuring.

Specifications

Connector Type	: 4mm Banana Jack
Connector Mounting	: Panel Mount
Termination Type	: M4 Threaded Stud & Hex Nut
Voltage Rating	: CAT III 1000V
Current Rating	: 36A
Resistor	: < 12mΩ
Contact Material	: Brass, Gold Nickel Plating
Insulators Material	: Polyamide
Terminal Dimension	: M4 × 10mm
Connector Colour	: White, Blue, Brown, Grey, Yellow, Yellow/Green, Black, Red, Green and Purple
Operating Temperature Range	: -20°C to +80°C

Diagram



The 4 mm banana female connection complies with the 4 mm banana plugs of the worldwide most famous manufacturers.

Round nut to attach the socket to the panel. The "ECO" versions provide a hexagonal nut instead of the round nut. The benefit of the round nut is that it does not need a lot of place to tighten.

Flat surface for anti-rotation purpose (if needed).

CE European Union marking.

Terminal : M4 threaded stud and 2 M4 nuts (complying with both lead-tin and lead-free tin soldering and 150 W maximum soldering iron). Screwing by open-end spanner SW6 (6 mm). Tightening torque, 0.3 N.m maxi. (at 20 °C).

Dimensions : Millimetres

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Electrical Safety 1000V CAT II 1000V CAT III 600V CAT IV	The design of the socket front face meets the requirements of EN / IEC 61010-031:2015 and the socket design is compatible with EN / IEC 61010-1:2010 for reinforced insulation at 1000V CAT II / 1000V CAT III / 600V CAT IV and 25A (at 40°C). These specifications come from the creepage distances, clearances, solid insulation, and CTI of the socket. And the considered building and implementation specifications are: insulating panel; pollution degree of the micro-environment, 1 or 2; relative humidity of the micro-environment, 80% maximum for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°C; temperature range of the micro-environment, +5°C to +40°C; indoor use; and altitude, 2000m maximum. IP2X (touch-protected) protection on the front face according to EN / IEC 60529.
Conformity	European Directive "Low Voltage Directive" 2014/35/EU. European Directive "RoHS" 2011/65/EU. European REACH regulation n°1907 / 2006. International / European standard EN / IEC 61010-031:2015. International / European standard EN / IEC 61010-1:2010. International / European standard EN / IEC 60529.
Environment	"RoHS" compliant, Pb ≤ 4 % in conductor, Pb ≤ 0.1 % in insulator, Hg ≤ 0.1 %, Cr VI ≤ 0.1 %, Cd ≤ 0.01 %, PBB ≤ 0.1 %, and PBDE ≤ 0.1 %. REACH compliant, no substances from the candidate list of SVHC for authorisation at mass concentrations greater than 0.1 %

Part Number Table

Description	Insulator Colour	Part Number
4mm Gold Plated Banana Jack w/ 14.5mm Round Nut, M4 Threaded Stud & Hex Nut, Panel, 1000V, 36A	White	72-14152
	Blue	72-14154
	Brown	72-14156
	Grey	72-14158
	Yellow	72-14160
	Yellow/Green	72-14162
	Black	72-14164
	Red	72-14166
	Green	72-14168
	Purple	72-14170

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