



Plug-in Screw Connector System for Printed Circuit Boards

TYPE 930-HFL (-DS)

3.5 mm spacing - 3 poles



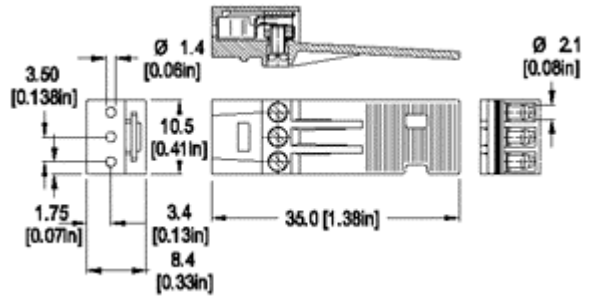
Distributor Stock Check



930-HFL (-DS)



One possible variation of assembly



Dimensions: mm (in.)

When locating connector, allow 0.5 mm clearance around it for process-induced variations.

Approval Information

UL File No. E69841

CSA File No. LR24322

| Rating | Current(A) | Voltage(V) | Application group | AWG |
|--------|------------|------------|-------------------|-------|
| UL | 6 | 300 | B | 28-18 |
| CSA | 6 | 300 | B | 28-18 |

* DS version is UL and CSA certified for 28-20 AWG.

Screw Tightening Torque:

UL: 2.0 lbf·in

CSA: 0.2 Nm

Rated Impulse Withstand Voltage: 2500 V

Material

Molding: Polyamide, self extinguishing UL 94, V-0, color grey

Temperature limits:

Short Time: 200°C (390°F)



RoHS WEEE Pb free compliant (version without DS only)

Short Time: 200°C (390°F)
Continuous: RTI 105°C (221°F)
Low Limit: -40°C (-40°F)
Comparative Tracking Index: CTI > 600
Oxygen Index Rating: 31%

Terminal Body: Nickel plated copper alloy
Wire Protector: Nickel silver
Contact Spring: Tin plated copper alloy
Screw: M2, Slotted head, zinc plated blue passivated, steel substrate

Description

These products were created for the broadcasting and video production industries but can be used in all applications where a small wire gauge is needed. Series 930-HFL features a handle to simplify vertical in-line insertion and removal and is designed to provide strain relief for the terminated wires. Self-locking snap-in feature when used with the 931-HSL and 930-HSL headers. The plug and header are designed to prevent accidental separation of the two parts. Horizontal and vertical plug-in versions are available, both versions feature 3 poles and 3.5 mm center to center spacing.

- Plug
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 930-HSL
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 931-HSL
- With or without back barrier

Technical Data

Center to Center Spacing: 3.5 mm (0.138 in.)
Nominal Cross Section:
0.75 mm² (1162 mils²)
Wire Stripping Length: 5 mm (0.197 in.)

Item 930-HFL (-DS)

Options

Note: Plated component: contact spring

Accessories

WIRE PROTECTOR:
with: - DS

930-HFL



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