CLARITY®

HDJ DC BARREL PLUG JACK

High Density Jack (HDJ) DC Barrel Plug Jack to Captive Screw Terminal enables supply of direct current (DC) power from power supplies to remote electronic devices. The easy to install, rear-load footprint mounts in HDJ Series workstation mounts and patch panels. The DC barrel plug accepts 5.5mm diameter barrel with a 2.1mm diameter pin and securely attaches wires with screw capture terminals and can be used to interface with a variety of devices such as LTE antennas, PTZ cameras, and more.

HDJ21DCA

Features & Benefits

- **DC Barrel Jack:** Accepts 5.5mm diameter barrel with a 2.1mm diameter center pin (center pin polarity positive (+))and securely retains matted plug with an install/removal force of 4-8 lbf.
- **Screw Capture Terminals:** Clearly labeled polarity the two Philips screw terminals, accept 18-24 AWG solid or stranded wire, capable of voltage range of 3-24V DC, 5A or 80 Watts maximum
- **Low Profile:** Recessed 3.5mm jack helps minimize or eliminate snagging, also providing a more pleasing aesthetic.
- **Icon compatible:** Icons are blank, for customization and pad printing, for labeling: Supports 606 designation requirements.
- **High Density Jack Footprint:** Supports multiple applications, from Workstation Mounting Solutions to Patch Panel installations, supporting up to 48 ports per 1RU
- **Rear Loading:** Preferred mounting for panels, with quick and easy installation

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Ordering Information

HDJ21DCA	Clarity High Density Jack (HDJ) DC Barrel Plug Jack to Captive Screw Terminal - Fog White
HDJ21DCA-00	Clarity High Density Jack (HDJ) DC Barrel Plug Jack to Captive Screw Terminal - Black
HDJ21DCA-78	Clarity High Density Jack (HDJ) DC Barrel Plug Jack to Captive Screw Terminal - Dark Gray
HDJ21DCA-88	Clarity High Density Jack (HDJ) DC Barrel Plug Jack to Captive Screw Terminal - White

Technical Specifications

General Information

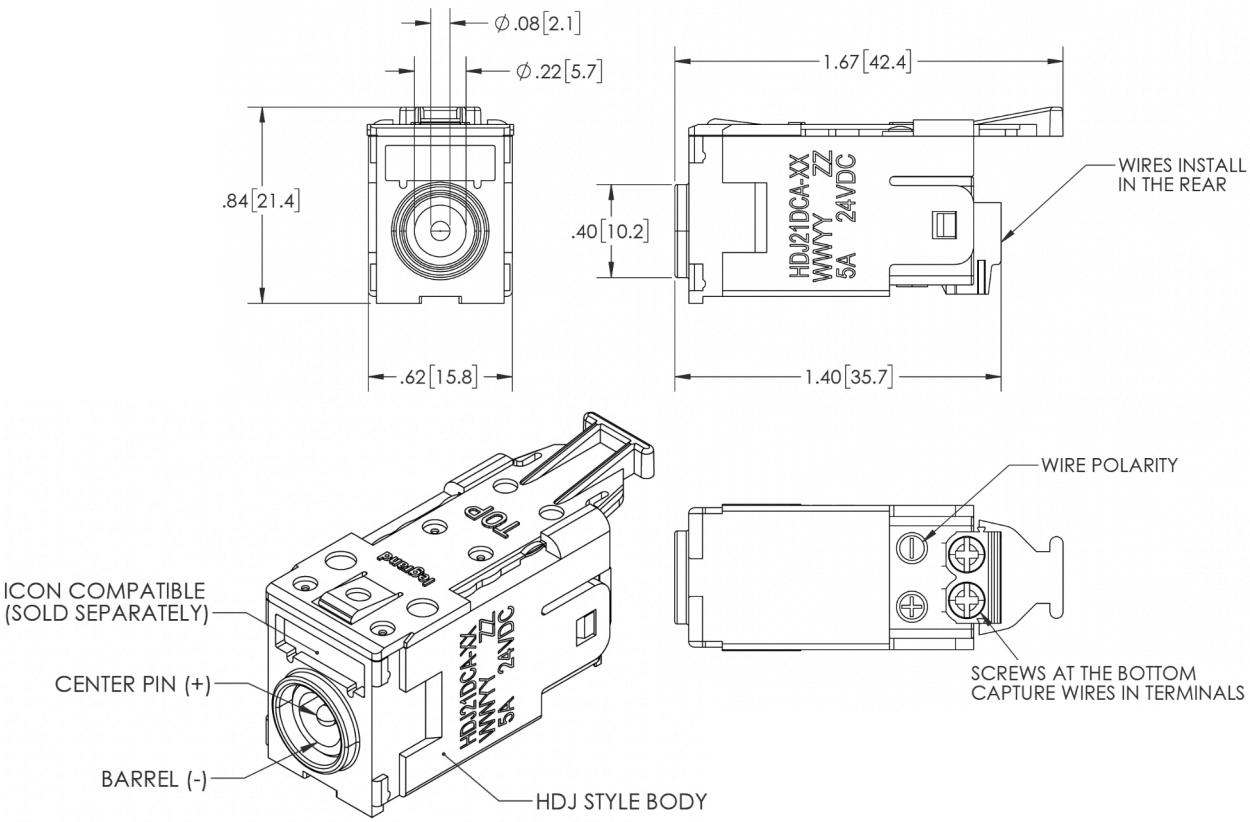
Footprint	HDJ
UL Certification	UL 1862, 2043
Type	Module
Color Options	Fog White, Black, Dark Gray, White
RoHS	Yes
Connector Dimensions	2.1mm Diameter Pin; 5.5mm Diameter Barrel
Wire Compatibility	18-24 AWG Solid or Stranded Copper
Plug Install/Remove Force	4 - 8 lbf.

Dimensions

Width	0.62 in.
Height	0.84 in.
Depth	1.61 in.

Electrical Specifications

Voltage Range	0.62 in.
Current	0.84 in.
Center Pin Polarity	1.61 in.



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