



**THE DATASHEET OF
ELLA18150**



.400" (10.16mm) 10.0mm (.394") ELL**Available Configurations**

The plugs and headers available in the ELL series are listed below right. All are supplied in both .400" and 10.0mm spacing, in 2 through 12 positions. See the Part Number Guide on this page for ordering information.

ELLH Pin Headers Vertical and horizontal orientation, closed and open sides

ELLP Plugs Wire entry parallel to board and contact.

ELLT Plugs Top or bottom wire entry perpendicular to board and contact.

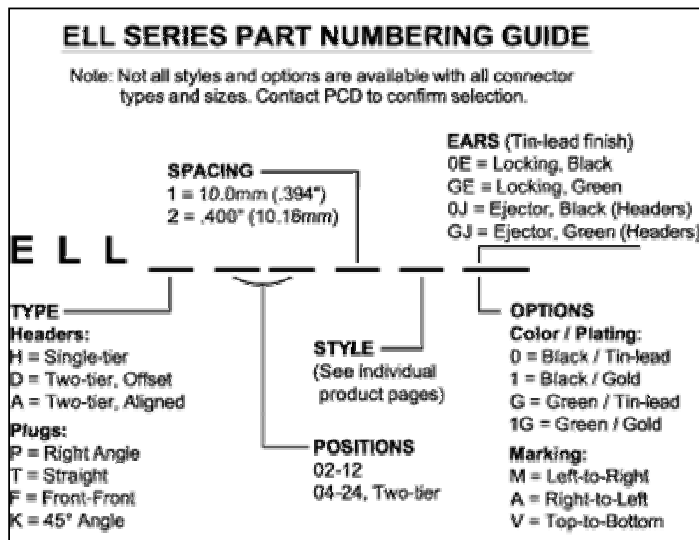
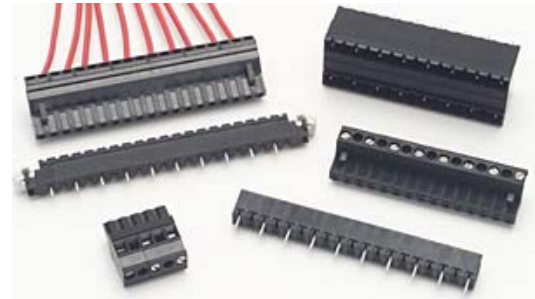
ELLF Plugs Wire insertion and screw actuation from the front of the block, facilitating installation.

ELLK Plugs 45° wire entry angle provides optimal installation and application flexibility.

Options and Variations

The same options and variations offered with the ELF are also available in the ELL line:

- High-temperature SMT Compatibility
- Choice of Black or Green
- Selective Gold Plating
- Mounting Ears
- Ejector Ear Headers
- Marking/Label

**Plugs and Headers****Product Intro.****Variations****Gold Plating****Locking Ears**

The .400"/10.0mm ELL product line is a double-spaced version of Amphenol Pcd's broad family of .200"/5.0mm ELF plugs and headers, offering a higher voltage rating—600Vrms—and the same range of configurations and accessories as the ELF line shown on pages 22 and 23.

SPECIFICATIONS:

Dielectric Withstanding: 3000V

Current Rating: 15A

Operating Voltage: 600V

Insulation Resistance: 105 Megohms

Wire Pullout Force (Plug): Per UL 486E, Section 14

MATERIALS:

Housing: PPO, UL 94V-0, Black or green

Contact: Copper alloy, optional finish

Clamp Screw: Steel, nickel finish

Wire clamp: Copper alloy, nickel finish

HEADER INSTALLATION:

Hole Diameter: .055" min.

PLUG INSTALLATION:

Wire Range: 12-26 AWG

Wire Strip Length: .310" (14-26 AWG), .490" (12 AWG, ELLF only)

Recommended Tightening Torque: 7 lb-in. (0.79N-m)

APPROVALS:TUV    [Back to Home Page](#)

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