

**molex®** 3.50mm (.138") Pitch  
**Beau® Eurostyle®**  
**35 Series**  
**Pluggable Terminal Blocks**

**3.50mm (.138") Pluggable Terminal Blocks for Higher Density Applications**

3.50mm (.138") terminal blocks have gained wide spread market acceptance and continue to grow in popularity as the terminal block of choice as more and more high density I/O applications are released. The compact size makes it the perfect choice for low-level signal, I/O daughter cards and also where PCB real estate is limited.

**Features and Benefits**

- 30% density advantage over traditional 5.00mm (.197") terminal blocks
- Headers have been designed to withstand surface mount re-flow soldering processes, eliminating the need for secondary wave soldering operations and reducing assembly time
- Rising cage clamp termination provides a gas-tight connection without strand damage or intermittence
- Polarization and keying features prevent mis-mating
- Optional retention screws and inserts secure plug to header in vibration-susceptible applications where the possibility of accidental disconnection exists
- Additional options available: imprinting, Gold-plating and color options including green, orange and blue



**Specifications**

**Reference Information**

Packaging: Box  
 UL File No.: E48521  
 Guide No.: XCFR2  
 UL for Canada File No: E48521  
 Guide No.: XCFR8

**Electrical**

Voltage: 300V  
 Current: 10.0A  
 Contact Resistance: 1 milliohm max.  
 Dielectric Withstanding Voltage: 3500V DC min.  
 Insulation Resistance: 5000 Gigohms min.

**Physical**

Housing:  
 Header – Black, Nylon 4/6, UL 94V-0  
 Plug – Black, Polyamide 4/6  
 Contacts:  
 Header – Brass  
 Plug – Beryllium Copper  
 Plating: Tin  
 Wire Range: 16 to 24 AWG (1.0 to 0.2mm<sup>2</sup>)  
 Operating Temperature: +140°C

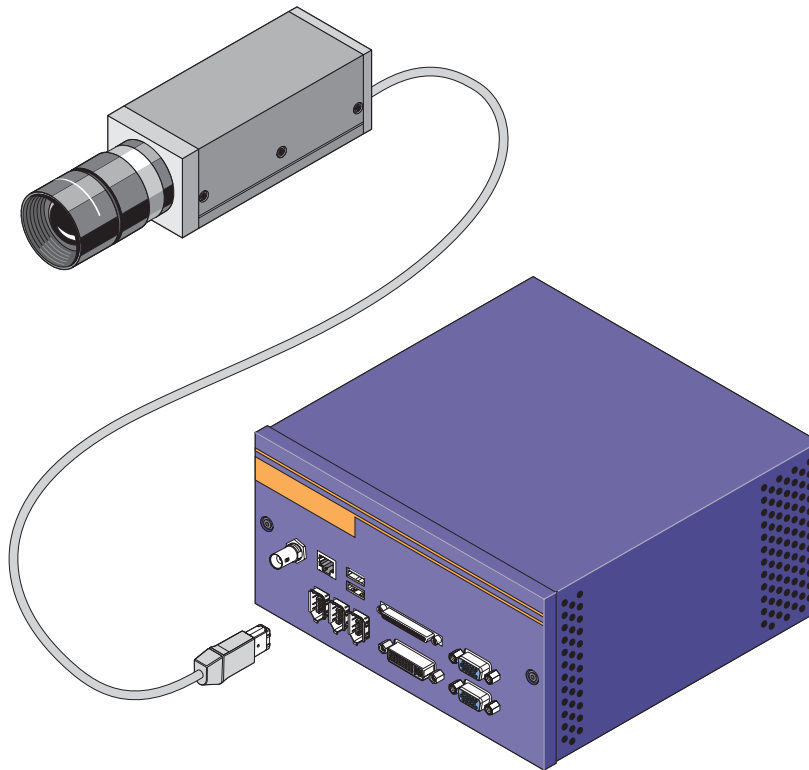
**ORDERING INFORMATION**

Series No.	Order No.	Description
39351	39351-00XX	Plug
39352	39352-00XX	Plug with Retention Screws
39353	39353-00XX	Vertical Header
39354	39354-00XX	Vertical Header with Retention Inserts
39355	39355-00XX	Right Angle Header
39356	39356-00XX	Right Angle Header with Retention Inserts

Replace XX with circuit size 02 through 20



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## APPLICATIONS

- Process Controls
- Motors and Drives
- Motion Control
- Factory Automation
- Instrumentation
- Security, Alarm and Surveillance
- Signal Conditioning
- Scales and Weighing Equipment
- Switching Equipment

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