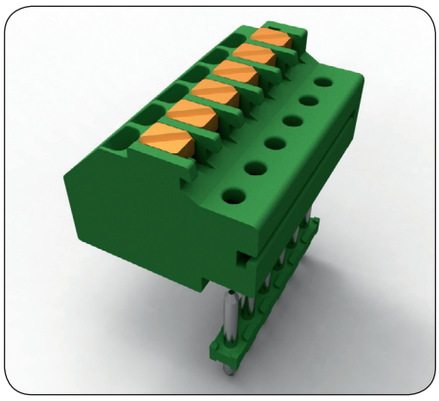

Introducing

3.5mm Spring Type Flush Mount Plug with Mating Unshrouded Header

The new 3.5mm Spring Type Flush Mount Plug with Mating Unshrouded Header now allows for a quick and easy way to insert the wire in signal applications without the use of special tools. The Spring Type Flush Mount Plug is customizable, reduces labor cost of installation and provides superior wire retention with proven quality in automation and drives technology or signal controls.

While the plug is available in 2 through 8 positions, the header is available with a standard narrow base or with a wider base for stability.

KEY FEATURES

- Compact design
- Male insertion from double directions
- Fast wire connections
- Male in high temperature
- Also available with wider base for stability

APPLICATIONS

- Automation and Drives technology
- Signal controls
- Control boxes for HVAC and Thermostats
- Controls for sound recordings/ TV or Radio production

MECHANICAL

- Insertion Force per pole 2.5N
- Withdrawal force per pole 4.5N min
- Stripping Length 8.5-10mm
- Operating temperature range -40˚C to +110˚C

ELECTRICAL

- Wire range 20-16 solid and stranded
- 150V, 2A per UL
- UL File E60677

MATERIALS

- Clamping Spring: lead-free tin plated steel
- Housing: 94V0 rated Polyamide
- Pin Terminals: tin plated copper alloy

STANDARDS AND SPECIFICATIONS

UL 1059

PRODUCT DIMENSIONS

Plug:
Height 12.5 mm, Width 17 mm, Length dependent on number of positions

Standard Unshrouded Header:
Height 12.5 mm, Width 2.8 mm, Length dependent on number of positions

Wide Base Unshrouded Header:
Height 16.5 mm, Width 8 mm, Length dependent on position size

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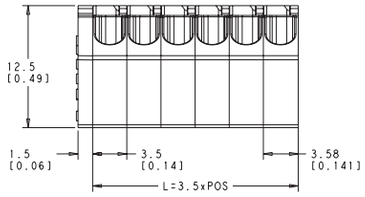
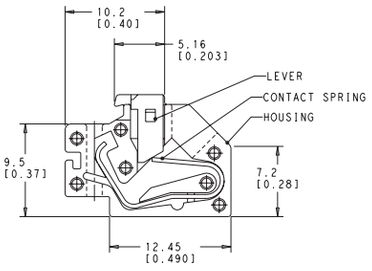
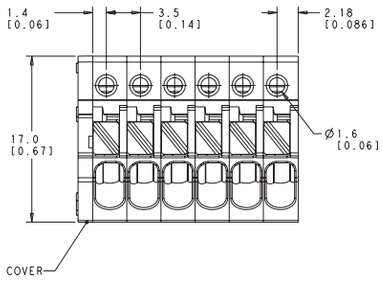
FLUSH MOUNT PLUG

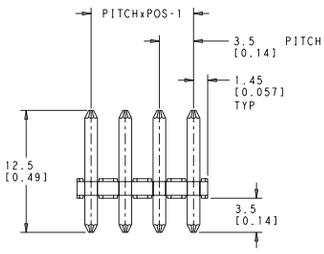


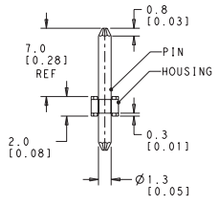


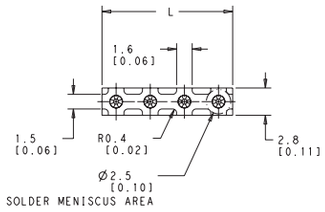
Part Number	Description
1986716-2	Flush Mt Plug, Spring Type, 3.5MM, 2 posn
1986716-3	Flush Mt Plug, Spring Type, 3.5MM, 3 posn
1986716-4	Flush Mt Plug, Spring Type, 3.5MM, 4 posn
1986716-5	Flush Mt Plug, Spring Type, 3.5MM, 5 posn
1986716-6	Flush Mt Plug, Spring Type, 3.5MM, 6 posn
1986716-7	Flush Mt Plug, Spring Type, 3.5MM, 7 posn
1986716-8	Flush Mt Plug, Spring Type, 3.5MM, 8 posn



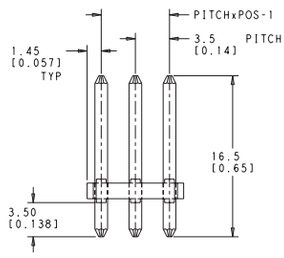
UNSHROUDED HEADER 12.5 HEIGHT



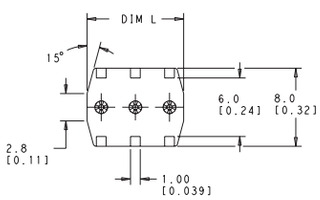


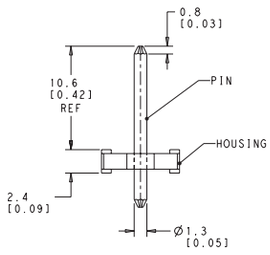


Part Number	Description
1986717-2	Unshrouded Header, 3.5MM, 2 posn
1986717-3	Unshrouded Header, 3.5MM, 3 posn
1986717-4	Unshrouded Header, 3.5MM, 4 posn
1986717-5	Unshrouded Header, 3.5MM, 5 posn
1986717-6	Unshrouded Header, 3.5MM, 6 posn
1986717-7	Unshrouded Header, 3.5MM, 7 posn
1986717-8	Unshrouded Header, 3.5MM, 8 posn



UNSHROUDED HEADER 16.5 HEIGHT





Part Number	Description
1986718-2	Unshrouded Header, 3.5MM, Wide Flange, 2 posn
1986718-3	Unshrouded Header, 3.5MM, Wide Flange, 3 posn
1986718-4	Unshrouded Header, 3.5MM, Wide Flange, 4 posn
1986718-5	Unshrouded Header, 3.5MM, Wide Flange, 5 posn
1986718-6	Unshrouded Header, 3.5MM, Wide Flange, 6 posn
1986718-7	Unshrouded Header, 3.5MM, Wide Flange, 7 posn
1986718-8	Unshrouded Header, 3.5MM, Wide Flange, 8 posn

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