

FEATURES AND SPECIFICATIONS

Features and Benefits

- 6 circuits per pod
- Pod "snaps" into shroud with no tools required
- Fully customizable connector system
- Polarized to prevent improper assembly and mating
- Vertical or right angle PCB tails with multiple tail lengths

Reference Information

Product Specification: PS-43510-001 and PS-43045

Packaging Type: Tube

UL File No.: E29179

CSA File No.: LR19980

Mates with: 43512

Use with: 44032 — 44040 Shroud

44033 — 44041 Shroud

Designed in: Millimeters

Electrical

Electrical Voltage: 250V

Current: 5.0A max.

Contact Resistance: 10mΩ max.

Dielectric Withstanding Voltage: 1500V

Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Retention to Housing: 1.4kg min.

Mating Force: 1.0kgf (2.2 lb) max.

Normal Force: 375gf (.32 lb) max.

Physical

Housing: Glass-filled nylon, UL 94V-0

Contact: Phosphor Bronze

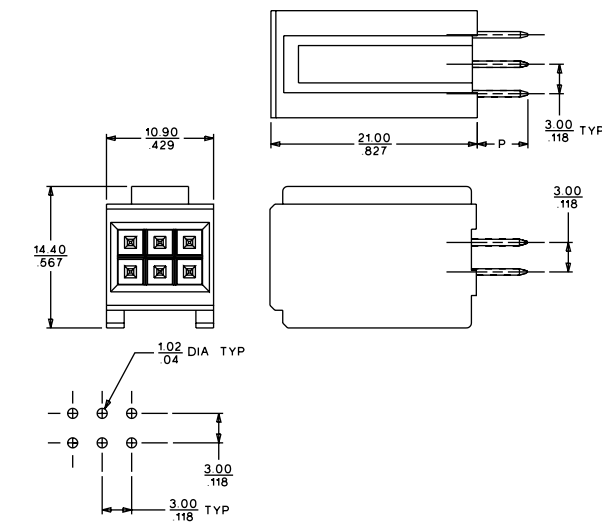
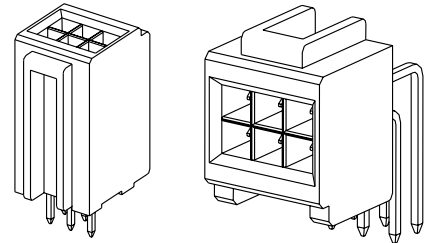
Plating: Tin or Gold

Temperature: -40 to +105°C

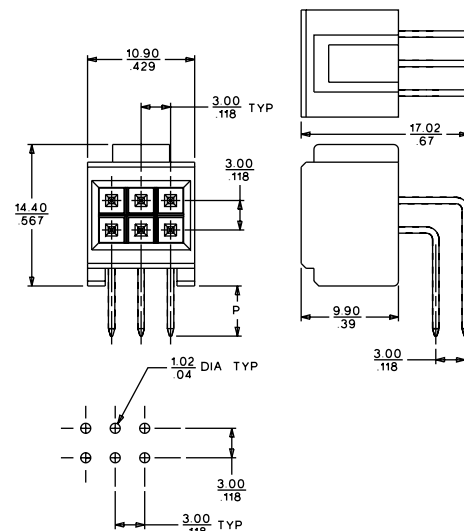
molex® 12.30mm (.484") Pitch COMPODRE™ Wire-to-Board Header Pod

44032/44033

Micro-Fit 3.0™ Header Vertical and Right Angle



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: SEE TABLE



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ORDERING INFORMATION AND DIMENSIONS

Description	Order No.	Plating	PCB Thickness
Micro-Fit 3.0 Right Angle Header Pod	44033-0101	Tin	.062
Micro-Fit 3.0 Right Angle Header Pod	44033-0201	30μ" Select Gold	.062
Micro-Fit 3.0 Right Angle Header Pod	44033-0301	Tin	.093
Micro-Fit 3.0 Right Angle Header Pod	44033-0401	30μ" Select Gold	.093
Micro-Fit 3.0 Right Angle Header Pod	44033-0501	Tin	.125
Micro-Fit 3.0 Right Angle Header Pod	44033-0601	30μ" Select Gold	.125
Micro-Fit 3.0 Vertical Header Pod	44032-0101	Tin	.062
Micro-Fit 3.0 Vertical Header Pod	44032-0201	30μ" Select Gold	.062
Micro-Fit 3.0 Vertical Header Pod	44032-0301	Tin	.093
Micro-Fit 3.0 Vertical Header Pod	44032-0401	30μ" Select Gold	.093
Micro-Fit 3.0 Vertical Header Pod	44032-0501	Tin	.125
Micro-Fit 3.0 Vertical Header Pod	44032-0601	30μ" Select Gold	.125