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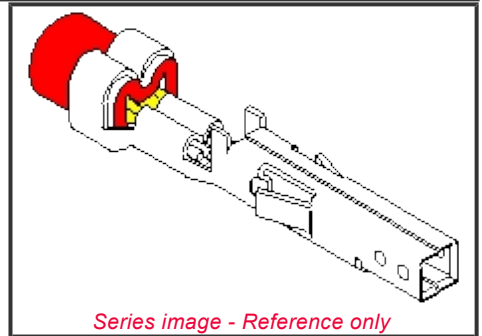
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Part Number:
0039000059

Status:
Active

Description:
4.20mm (.165") Pitch Mini-Fit™ Crimp Terminal, Female, Phosphor Bronze, Tin (Sn), 18-24 AWG, Reel

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
[Drawing \(PDF\)](#) [Product Specification PS-51010-003 \(PDF\)](#)



EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free
Status
Halogen-Free

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[5556](#)Series

Mates With

[5558](#) Male Crimp Terminals Mini-Fit Jr.™ Header, Dual Row, [5566](#), [5569](#)

Use With

[5557](#) Mini-Fit Jr.™ Receptacle Housing, [30067](#) TPA, [42474](#) BMI Panel Mount, [5559](#) Mini-Fit Jr.™ Plug Housing, Dual Row

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below . Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
T2 Terminator Tooling Die	0639102900
Hand Crimp Tool for Mini-Fit™ Jr. Male and Female Crimp Terminals, 16-24 AWG	0638190900
FineAdjust™ Applicator for Mini-Fit Jr.™, Mini-Fit HCS™ Crimp Terminals, 18-24 AWG and smaller insulation	0639015600
Extraction Tool	0011030044
FineAdjust™ Applicator	0639002600
FineAdjust™ Applicator, Small Insulation	0639002900
T2 Terminator Die	0639102600
Japan	
Description	Product #
Applicator for M211A Bench Press, 18-24 AWG, for 5556 and 5558 Crimp Terminal	0570223000
Side-Feed Applicator For Full-Auto Machine	0570223200
Crimp Quality Equipment	
Molex also offers wire strippers, pull testers, shut-height gauges, micro-meters and more	
Click here for details	

[Product Specification PS-51010-004 \(PDF\)](#)

E

Order Products:

Part Detail: [\(show all\)](#)

[GeneralPhysicalElectricalMaterial InfoReference - Drawing Numbers](#)

General

Product Family	Crimp Terminals
Series	<u>5556</u>
Product Name	Mini-Fit®

Physical

Durability (mating cycles max)	30
Gender	Receptacle
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm (.051-.122")
Wire Size AWG	18, 20, 22, 24
Wire Size mm ²	N/A

Electrical(Please review the Product Specification for specific details.)

Current - Maximum per Contact	9A
Voltage - Maximum	600V

Material Info

Old Part Number	5556PBT
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Reference - Drawing Numbers

Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54111-001, PS-54111-002, PS-54452-006, PS-54452-007, PS-54849-004, PS-5556-001, PS-5556-002, PS-5556-003, RPS-501566-001, RPS-51010-013, RPS-51045-002, RPS-54111-001, RPS-54111-002, RPS-54111-004, RPS-54111-005, RPS-54269-004, RPS-54452-011, RPS-54849-001, RPS-5557-001, RPS-5557-004, RPS-5557-027, RPS-5557-034, RPS-5557-035, RPS-5557-044, RPS-5557-045, RPS-5557-048, RPS-5557-049, RPS-5557-054
Sales Drawing	SD-5556****

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