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**Part Number:** **[39-00-0059](#)**  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** [Mini-Fit® Female Crimp Terminal, Tin \(Sn\) over Phosphor Bronze, 18-24 AWG, Reel](#)

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-5556-001 (PDF)</a>
<a href="#">Product Specification PS-51010-003 (PDF)</a>	<a href="#">Product Specification PS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-51010-004 (PDF)</a>	<a href="#">Packaging Specification PK-5556-001 (PDF)</a>
<a href="#">Product Specification PS-51045-003 (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-52252-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-54849-004 (PDF)</a>	

**General**

Product Family	Crimp Terminals
Series	5556
Application	Power
Crimp Quality Equipment	Yes
Overview	<a href="#">Mini-Fit Jr.™ Power Connectors</a>
Packaging Alternative	<a href="#">39-00-0060 (Loose)</a>
Product Name	Mini-Fit®
UPC	800753584662

**Physical**

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.127/g
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-3.10mm
Wire Size AWG	18, 20, 22, 24
Wire Size mm²	N/A

**Electrical**

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

**Material Info**

Old Part Number	5556PBT
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**Reference - Drawing Numbers**

Packaging Specification	PK-5556-001
Product Specification	PS-51010-003, PS-51010-004, PS-51045-003, PS-52252-001, PS-54849-004, PS-5556-001, PS-5556-002, RPS-501566-001, RPS-51010-013, RPS-51045-002, RPS-54269-004, 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****
Test Summary	TS-5556-002

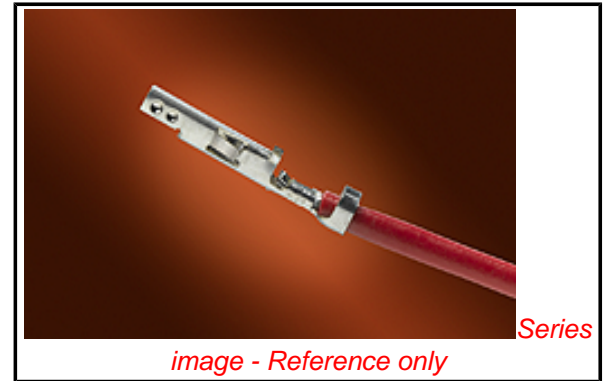


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[5556Series](#)

**Mates With**

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

**Use With**

[5557](#) Mini-Fit Jr.™ Receptacle Housing, [30067](#) Mini-Fit® TPA, [42474](#) Mini-Fit® 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 #
FineAdjust™ Applicator	<a href="#">0638601000</a>
Hand Crimp Tool for Male and Female	<a href="#">0638190900</a>

Crimp Terminals,  
 16-24 AWG Wire  
 FineAdjust™ 0639023900  
 Applicator for  
 Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 T2 Terminator™ for 0639102900  
 insulation OD 1.65  
 – 2.05mm – 18 – 24  
 AWG  
 T2 Terminator™ 0639123900  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust™ 0639024800  
 Applicator for  
 Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 T2 Terminator™ 0639115600  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 Extraction Tool 0011030044  
 FineAdjust™ 0639002600  
 Applicator for  
 Insulation OD  
 2.50-2.95mm - 18-24  
 AWG  
 FineAdjust™ 0639002900  
 Applicator for  
 Insulation OD  
 1.65-2.05mm - 18-24  
 AWG  
 T2 Terminator™ 0639102600  
 for insulation OD  
 2.50-2.95mm - 18-24  
 AWG  
 T2 Terminator™ 0639124800  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 FineAdjust™ 0639015600  
 Applicator for  
 Insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 FineAdjust™ 0639024900  
 Applicator for  
 Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator™ 0639124900  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG

**Japan**

Description	Product #
Side-Feed Applicator For Full-Auto Machine	<u>0570223200</u>

Applicator for M21 1A 0570223000  
Bench Press, 18-24  
AWG Wire

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