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Part Number: [56120-8428](#)
Status: **Active**
Overview: [Mini-HMC](#)
Description: Mini-HMC™ Female Terminal, for 24-28 AWG, Lead-Free, Reel Packaging

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-51238-018 \(PDF\)](#)
[Product Specification PS-500810-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51238-017 \(PDF\)](#)

General

Product Family	I/O Connectors
Series	56120
Application	N/A
Component Type	Terminal
Overview	Mini-HMC
Product Name	Mini-HMC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	N/A
Durability (mating cycles max)	50
Gender	Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Orientation	Vertical
PCB Locator	No
Packaging Type	Reel
Panel Mount	N/A
Pitch - Mating Interface	N/A
Plating min - Mating	0.254µm
Plating min - Termination	1.016µm
Polarized to Mating Part	N/A
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Crimp or Compression
Waterproof / Dustproof	No
Wire Insulation Diameter	1.60mm max.
Wire Size AWG	24, 28

Electrical

Current - Maximum per Contact	1.5A, 2.5A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC

Material Info

UPC	822350008976
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Reference - Drawing Numbers

Product Specification	PS-500810-001, PS-51238-017, PS-51238-018, RPS-51238-001
Sales Drawing	SD-56120-009



EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen

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

[56120Series](#)

Mates With

[561188228 Terminal](#)

Use With

[5008110010 Cover](#), [500809 Shell](#), [5008131000 Housing](#), [58550 End Bell Cap Assembly](#)

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 #
Hand Tool for I/O Male Terminals,A34 24-28 AWG Wire	0638192000
Extraction Tool for Compact Robot Connector Crimp	0638133200

Female Terminal for
18-28 AWG Wire

Japan

Description	Product #
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Applicator for M211A	0574073000
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Bench Press, 18-28

AWG Wire

Hand Extraction Tool	0574076100
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[56120-8428 \(Mouser Reel\)](#) [56120-8428 \(Cut Strip\)](#)