

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5054324001](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock Plus Wire-to-Board Connector System](#)  
**Description:** 1.25mm Pitch, Micro-Lock Plus Receptacle Crimp Housing, Dual Row, Positive Lock, 40 Circuits, Black

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification 5054321000-PS-002 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification 5054321000-PS-006 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-505432-001-001 (PDF)</a>
<a href="#">Product Specification 5054320000-002 (PDF)</a>	<a href="#">Packaging Specification 5054329200-200 (PDF)</a>
<a href="#">Product Specification 5054320000-005 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5054320000-006 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">505432</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Micro-Lock Plus Wire-to-Board Connector System</a>
Product Name	Micro-Lock Plus
UPC	889056422345

**Physical**

Circuits (maximum)	40
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	751.059/mg
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-505432-001-001
Packaging Specification	5054329200-200
Product Specification	5054320000-002, 5054320000-005, 5054320000-006, 5054321000-PS-002, 5054321000-PS-006
Sales Drawing	5054320000-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[505432](#) Series

**Mates With**

Micro-Lock Plus Vertical Header [505433](#) .  
Micro-Lock Plus Right Angle Header [505448](#)

**Use With**

Micro-Lock Plus Terminal [505431](#) . Micro-Lock Plus Pre-Crimped Leads [797581148](#) , [797581149](#) , [797582143](#) , [797582144](#)

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