

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

**Part Number:** **5008121000**  
**Status:** **Active**  
**Overview:** Mini-HMC Rectangular Industrial Connector System  
**Description:** 3.00mm Pitch Mini-HMC Crimp Housing, Male, 2 Rows, 10 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-500810-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-500811-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	500812
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Overview	<a href="#">Mini-HMC Rectangular Industrial Connector System</a>
Product Name	Mini-HMC
Type	N/A
UPC	756054862650

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	3230.000/mg
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Screws
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-500811-001-001
Product Specification	PS-500810-001-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[500812](#) Series

**Mates With**

MiniHMC 3.00mm Pitch Crimp Housing  
[5008131000](#)

**Use With**

[561188228](#) , [561188328](#) , [561198228](#) ,  
[561198328](#) , [5008100 000](#) , [5008100010](#)

This document was generated on 07/15/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**