

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

**Part Number:** **5008131000**  
**Status:** **Active**  
**Overview:** Mini-HMC Rectangular Industrial Connector System  
**Description:** Mini Robot Connector Socket Housing 10 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-500811-001-001 \(PDF\)](#)  
[Product Specification PS-500810-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series 500813  
 Application Panel-Mount, Wire-to-Wire  
 Component Type Housing  
 Overview Mini-HMC Rectangular Industrial Connector System  
 Product Name Mini-HMC  
 Taxonomy I/O Connectors  
 Type N/A  
 UPC 756054862667

**Physical**

Circuits (Loaded) 10  
 Circuits (maximum) 10  
 Color - Resin Natural  
 Durability (mating cycles max) 100  
 Flammability 94V-0  
 Lock to Mating Part Yes  
 Material - Plating Mating N/A  
 Material - Resin Polyester  
 Net Weight 2770.000/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  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style N/A  
 Waterproof / Dustproof No

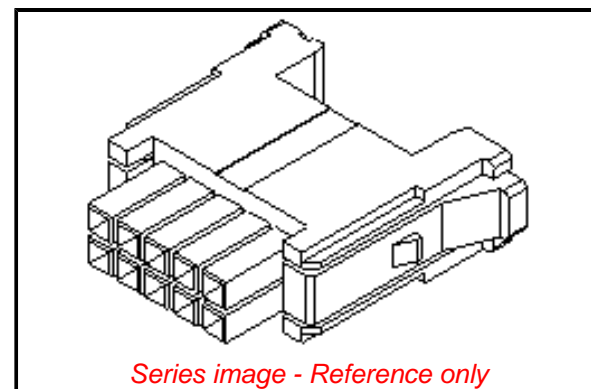
**Electrical**

Current - Maximum per Contact Contact Molex  
 Voltage - Maximum 250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**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**

500813 Series

**Mates With**

MiniHMC 3.00mm Pitch Crimp Housing  
5008121000

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