

**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 \(PDF\)](#)  
[Product Specification PS-500810-001 \(PDF\)](#) [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™  
 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°C to +105°C  
 Termination Interface: Style N/A  
 Waterproof / Dustproof No

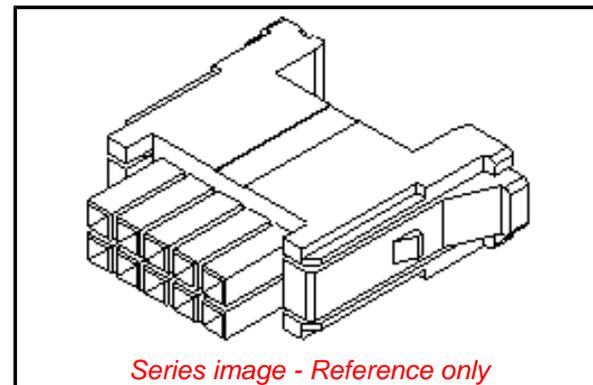
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2015  
 June 15): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

500813 Series

**Mates With**

Mini-HMC™ 3.00mm Pitch Crimp Housing  
 500812-1000