**Part Number:** **5008100010**

**Status:** **Active**

**Overview:** Mini-HMC Rectangular Industrial Connector System
**Description:** Mini-HMC Shielded I/O Plug Shell, 40 Circuits, 8 Rows, Polarizing Key Type B

**Documents:**

| | |
|---|---|
| 3D Model | Product Specification PS-500810-001-001 (PDF) |
| Drawing (PDF) | Application Specification AS-500811-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

*Series image - Reference only*

### General

| | |
|---|---|
| Product Family | I/O Connectors |
| Series | 500810 |
| Application | Panel-Mount, Wire-to-Wire |
| Component Type | Panel Mount Shell |
| Overview | Mini-HMC Rectangular Industrial Connector System |
| Product Name | Mini-HMC |
| Type | N/A |
| UPC | 756054862599 |

### Physical

| | |
|---|---|
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Durability (mating cycles max) | 50 |
| Gender | Plug |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Copper |
| Material - Resin | Polyester |
| Net Weight | 26874.500/mg |
| Orientation | Vertical |
| PCB Locator | No |
| Packaging Type | Tray |
| Panel Mount | Screws |
| Pitch - Mating Interface | N/A |
| Plating min - Mating | 0.508µm |
| Plating min - Termination | 0.508µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |
| Waterproof / Dustproof | No |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.5A, 2.5A |
| Shield Type | Full Shield |
| Shielded | Yes |
| Voltage - Maximum | 250V AC (RMS)/DC |

### Material Info

### Reference - Drawing Numbers

| | |
|---|---|
| Application Specification | AS-500811-001-001 |
| Product Specification | PS-500810-001-001 |
| Sales Drawing | SD-500810-001-001 |

**EU ELV**
**Not Relevant**

**EU RoHS**                    **China RoHS**
**Compliant with**
**Exemption 6(b)-II**
**REACH SVHC**
Contained Per -
D(2021)4569-DC (8
July 2021)
Lead
**Halogen-Free**
**Status**
**Low-Halogen**
For more information, please visit Contact US

| | |
|---|---|
| China ROHS | 50 Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
500810 Series

**Mates With**
MiniHMC Shielded PanelMount I/O
Receptacle Shell 5008090010

**Use With**
5008110010 Cover, 5008121000 Plug
Housing, 56118 Plug Terminal, 56119 Plug
Terminal

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