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**Part Number:** [0512041200](#)  
**Status:** **Active**  
**Overview:** [HMC™ Heavy Duty Rectangular Connectors](#)  
**Description:** [HMC™ Rectangular Industrial Female Housing, Multi-Module Type, 12 Circuits](#)

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [51204](#)  
 Application Panel-Mount  
 Component Type Housing  
 Overview [HMC™ Heavy Duty Rectangular Connectors](#)  
 Product Name HMC™  
 Type N/A  
 UPC 800753247741

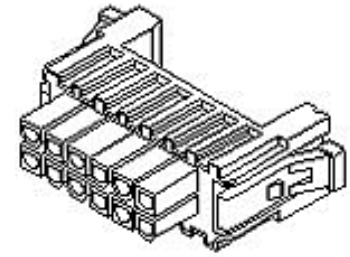
**Physical**

Boot Color N/A  
 Breakaway No  
 Circuits (Loaded) N/A  
 Circuits (maximum) 12  
 Color - Resin Natural  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Gender Plug  
 Lock to Mating Part Yes  
 Material - Plating Mating N/A  
 Material - Resin Nylon  
 Net Weight 5719.000/mg  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator No  
 Packaging Type Bag  
 Panel Mount N/A  
 Pitch - Mating Interface 4.20mm  
 Pitch - Termination Interface 4.20mm  
 Polarized to Mating Part Yes  
 Polarized to PCB N/A  
 Ports 1  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -55°C to +125°C  
 Termination Interface: Style N/A  
 Waterproof / Dustproof Yes  
 Waterproof / Dustproof Type IP65

**Electrical**

Current - Maximum per Contact 43.0A  
 Shielded No  
 Voltage - Maximum 300V DC

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51204 Series](#)

**Mates With**

[51203-1200](#)

**Use With**

58719 Panel Mount Bracket, [5556](#) GSX  
 Terminal, [58721](#) Hood Bracket

Reference - Drawing Numbers  
Sales Drawing

SD-51204-002

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