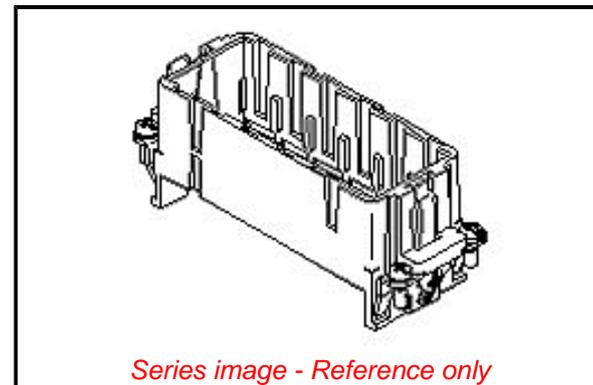


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0586870010**  
**Status:** **Active**  
**Overview:** HMC Heavy Duty Rectangular Connectors  
**Description:** HMC Rectangular Industrial Hood Bracket, Multi-Module Type, 36 Circuits, Type A Polarization

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-58696-004-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-58696-005-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification AS-58696-006-001 (PDF)</a>
<a href="#">Product Specification PS-58691-004-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	I/O Connectors
Series	<u>58687</u>
Application	Panel-Mount
Component Type	Hood Bracket
Overview	<u>HMC Heavy Duty Rectangular Connectors</u>
Product Name	HMC
Type	N/A
UPC	800753932647

**Physical**

Circuits (Loaded)	36
Circuits (maximum)	36
Durability (mating cycles max)	50
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Copper
Material - Plating Termination	Copper
Net Weight	31.210/g
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	N/A
Pitch - Mating Interface	N/A
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP65

**Electrical**

Current - Maximum per Contact	12.0A
Voltage - Maximum	300V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-58696-004-001, AS-58696-005-001, AS-58696-006-001
Product Specification	PS-58691-004-001
Sales Drawing	SD-58687-002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(b)-II**

**REACH SVHC**

Contained Per -  
ECHA\_01\_2020 (16  
January 2020)

Lead

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

50 Image

Not Relevant

Not Contained

**Search Parts in this Series**

58687 Series

**Mates With**

586910010 Panel Mount Bracket

**Use With**

586960010 Hood, 51192 Housing, 51193 Housing

This document was generated on 04/06/2020

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