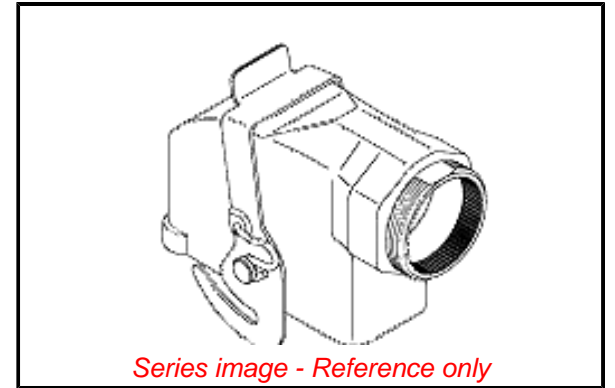


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0586960010**  
**Status:** **Active**  
**Overview:** HMC Heavy Duty Rectangular Connectors  
**Description:** HMC Rectangular Industrial Hood, Multi-Module Type, Vertical, External Thread, 36 Circuits

**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	58696
Application	Panel-Mount
Component Type	Hood
Overview	<a href="#">HMC Heavy Duty Rectangular Connectors</a>
Product Name	HMC
Taxonomy	I/O Connectors
Type	N/A
UPC	800753934627

**Physical**

Boot Color	N/A
Circuits (Loaded)	N/A
Circuits (maximum)	36
Durability (mating cycles max)	50
Gender	Plug
Lock to Mating Part	Yes
Material - Plating Mating	N/A
Net Weight	211398.660/mg
Orientation	Vertical
Packaging Type	Bag
Panel Mount	N/A
Pitch - Mating Interface	N/A
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +125°C
Termination Interface: Style	N/A
Waterproof / Dustproof	Yes
Waterproof / Dustproof Type	IP65

**Electrical**

Current - Maximum per Contact	4.5A
Shielded	No
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-58696-002-001, SD-58696-003-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(b)-II,6(a)-I**

**REACH SVHC**

Contained per -  
D(2022)9120-DC (17  
Jan 2023)

Lead

**Halogen-Free**

**Status**

**Not 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**

[58696 Series](#)

**Mates With**

[5869100x0 Panel Mount Bracket](#)

**Use With**

[58550 End Bell Cap Assembly](#), [58687 Hood Bracket](#)

This document was generated on 03/07/2023

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