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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:

3D Model	Application Specification AS-58696-005 (PDF)
Drawing (PDF)	Application Specification AS-58696-006 (PDF)
Product Specification PS-58691-004 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-58696-004 (PDF)	

General

Product Family	I/O Connectors
Series	58696
Application	Panel-Mount
Component Type	Hood
Overview	HMC™ Heavy Duty Rectangular Connectors
Product Name	HMC™
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°C 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, AS-58696-005, AS-58696-006
Product Specification	PS-58691-004, RPS-58691-003, RPS-58691-004, RPS-58691-005
Sales Drawing	SD-58696-002, SD-58696-003



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant with Exemption 6(a)

REACH SVHC

Contains SVHC(2014

December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

50 Image

ELV

Not Relevant

Search Parts in this Series

[58696](#) Series

Mates With

[58691-00x0](#) Panel Mount Bracket

Use With

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

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