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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](#)
[Drawing \(PDF\)](#)
[Product Specification PS-58691-004 \(PDF\)](#)
[Application Specification AS-58696-004 \(PDF\)](#)
[Application Specification AS-58696-005 \(PDF\)](#)
[Application Specification AS-58696-006 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

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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