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**Part Number:** [0553481215](#)  
**Status:** **Active**  
**Description:** HMC™ Rectangular Industrial Male Housing, Single-Module Type, 12 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-54478-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family I/O Connectors  
Series [55348](#)  
Application Panel-Mount, Wire-to-Wire  
Component Type Housing  
Product Name HMC™  
Type N/A

**Physical**

Boot Color N/A  
Circuits (Loaded) N/A  
Circuits (maximum) 12  
Durability (mating cycles max) 50  
Flammability 94V-0  
Gender Male  
Lock to Mating Part Yes  
Material - Plating Mating n/a  
Number of Rows 3  
Orientation Vertical  
PCB Locator No  
Packaging Type Bag  
Panel Mount N/A  
Pitch - Mating Interface (in) 0.224 In  
Pitch - Mating Interface (mm) 5.70 mm  
Pitch - Term. Interface (in) 0.224 In  
Pitch - Term. Interface (mm) 5.70 mm  
Polarized to Mating Part Yes  
Polarized to PCB N/A  
Ports 1  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +125°C  
Termination Interface: Style N/A  
Waterproof / Dustproof Yes  
Waterproof / Dustproof Type IP65

**Electrical**

Current - Maximum per Contact 35A  
Shielded No  
Voltage - Maximum 450V DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-54478-001  
Sales Drawing SD-55348-1215

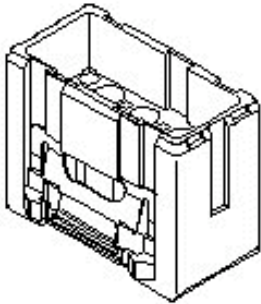


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free  
Status**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**  
[55348Series](#)

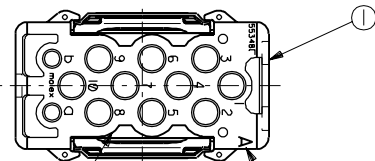
**Mates With**  
[54479-1215](#) housing

**Use With**  
58783-0011 panel-mount bracket, 55124  
and 55125 terminals, [58782-0011](#) hood  
bracket

This document was generated on 04/02/2010

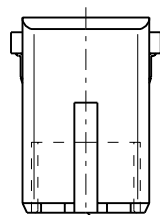
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電線挿入側  
WIRE SIDE

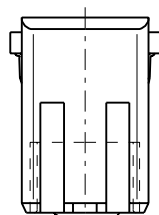
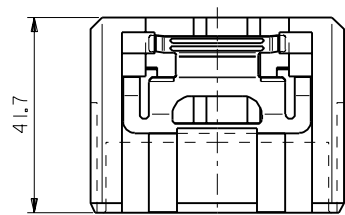


回路番号表示  
CKT.No. IDENTIFICATION

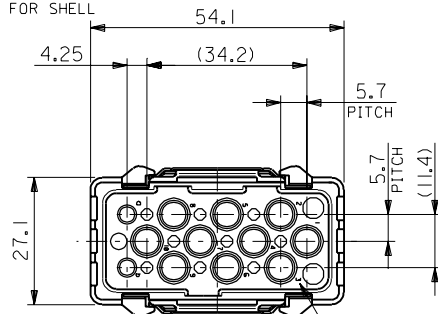
極性タイプ表示  
POLARIZATIONS TYPE IDENTIFICATION



シエル挿入方向キー  
POLARIZATIONS KEY FOR SHELL



シエル挿入方向キー  
POLARIZATIONS KEY FOR SHELL



嵌合側  
MATING SIDE

回路番号表示  
CKT.No.IDENTIFICATION

|           |                                       |                                                    |            |                  |            |
|-----------|---------------------------------------|----------------------------------------------------|------------|------------------|------------|
| ②         | スプリング<br>SPRING                       | ステンレス<br>STAINLESS STEEL                           | 2          | 55348-1215       | 12         |
| ①         | メイルハウジング アッセンブリ<br>MALE HOUSING ASS'Y | ポリカーボネイト UL94V-0 グレー<br>POLYCARBONATE UL94V-0 GRAY | 1          |                  |            |
| 部番<br>NO. | 部品名<br>PARTS NAME                     | 材質<br>MATERIAL                                     | 個数<br>QTY. | 製品番号<br>ENG. NO. | 極数<br>CKTS |

|                           |  |           |  |                         |  |                                                                                                          |  |                                                                                                      |  |                                                                                             |  |                                                                                                                           |  |     |  |
|---------------------------|--|-----------|--|-------------------------|--|----------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|--|-----|--|
|                           |  |           |  |                         |  |                                                                                                          |  | 材料<br>MATERIAL                                                                                       |  | 表参照<br>SEE TABLE                                                                            |  |  MOLEX-JAPAN CO.,LTD.<br>日本モレックス株式会社 |  |     |  |
|                           |  |           |  |                         |  |                                                                                                          |  | 仕上げ<br>FINISH                                                                                        |  | — # —                                                                                       |  | REVISE ONLY ON CAD SYSTEM                                                                                                 |  |     |  |
| 角度 ANGLE                  |  | +3°       |  |                         |  |                                                                                                          |  | 適用電線範囲<br>WIRE RANGE                                                                                 |  | — # —                                                                                       |  | TITLE 名称 (MIXED TYPE)<br>ROBOT CONN.                                                                                      |  |     |  |
| 30 以上<br>OVER             |  | +0.3      |  |                         |  |                                                                                                          |  | 被覆外径<br>INS. RANGE                                                                                   |  | — # —                                                                                       |  | MALE HS'G ASS'Y<br>(嵌合極性タイプ A)<br>(MATING POLARIZATIONS TYPE A)                                                           |  |     |  |
| 10 以上 30 未満<br>OVER UNDER |  | +0.25     |  |                         |  |                                                                                                          |  | DRAWN BY                                                                                             |  | CHK'D BY                                                                                    |  | DWG. NO.                                                                                                                  |  |     |  |
| 10 未満<br>UNDER            |  | +0.2      |  | ①                       |  |  RELEASED (J.D9683) |  |  J.M. '98/11/06 |  |  APP'D |  |  1-1                                 |  | REV |  |
| GENERAL TOLERANCES        |  | 記号<br>LTR |  | 変更内容<br>REVISION RECORD |  | DR. CHK.                                                                                                 |  | 日付<br>DATE                                                                                           |  |                                                                                             |  | SD-55348-1215                                                                                                             |  | ①   |  |

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