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Part Number: [0544785215](#)
Status: **Active**
Description: HMC™ Rectangular Industrial Female Housing, Single-Module Type, 52 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 [54478](#)
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) 52
Durability (mating cycles max) 50
Flammability 94V-0
Gender Female
Lock to Mating Part Yes
Material - Plating Mating n/a
Number of Rows 4
Orientation Vertical
PCB Locator No
Packaging Type Bag
Panel Mount N/A
Pitch - Mating Interface (in) 0.177 In
Pitch - Mating Interface (mm) 4.50 mm
Pitch - Term. Interface (in) 0.177 In
Pitch - Term. Interface (mm) 4.50 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 10A
Shielded No
Voltage - Maximum 300V DC

Material Info

Reference - Drawing Numbers

Product Specification PS-54478-001
Sales Drawing SD-54478-5215

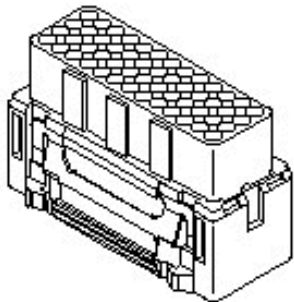


image - Reference only

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
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
[54478Series](#)

Mates With
[55347-5215](#) housing

Use With
[58783-0010](#) panel-mount bracket, [54296](#)
terminal, [58782-0010](#) hood bracket

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DWG. NO.
SD-54478-5215

E

D

C

B

A

MM
DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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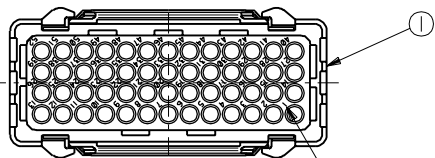
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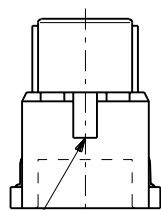
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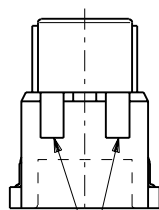
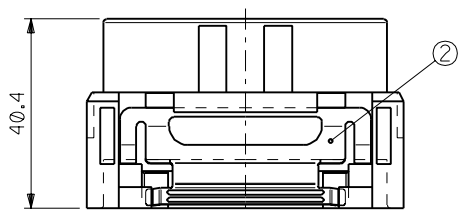
嵌合側
MATING SIDE



回路番号表示
CKT.No.IDENTIFICATION

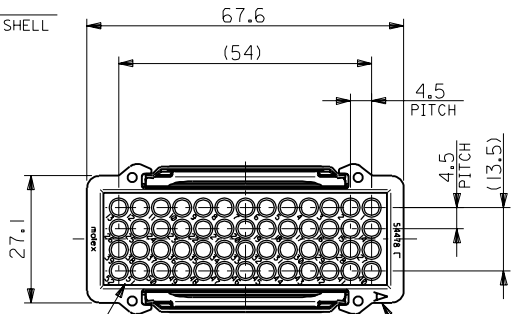


シェル挿入方向キー
POLARIZATIONS KEY FOR SHELL



シェル挿入方向キー
POLARIZATIONS KEY FOR SHELL

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

角度	ANGLE	±3°			
30°以上	OVER	±0.3			
10°以上	30°未満	±0.25			
10°未満	UNDER	±0.2			
一般公差					
GENERAL TOLERANCES					

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M+

NOTES

- 嵌合相手 : 55347-5215
MATES WITH : 55347-5215
- 適用端子 : 54296-9***
APPLICABLE PIN CONTACT : 54296-9***
- 適用シェルアッセンブリ
APPLICABLE SHELL ASS'Y
プラグ : 58782-0010
PLUG : 58782-0010
リセプタクル : 58783-0010
RECEPTACLE : 58783-0010

②	スプリング SPRING	ステンレス STAINLESS STEEL	2	54478-5215	52
①	フィメイルハウジング アッセンブリ FEMALE HOUSING ASS'Y	ポリカーボネイト UL94V-0 グレー POLYCARBONATE UL94V-0 GRAY	1		
部番 NO.	部品名 PARTS NAME	材質 MATERIAL	個数 QUAN.	製品番号 ENG. NO.	極数 CKTS.

材料
MATERIAL
表参照
SEE TABLE

仕上げ
FINISH

適用電線範囲
WIRE RANGE

被覆外径
INS. RANGE

DRAWN BY
CHK'D BY

APPROVED
DATE

尺度
SCALE

MOLEX MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
ROBOT CONN.
FEMALE HS'G ASS'Y
(嵌合極性タイプ A)
(MATING POLARIZATIONS TYPE A)

DWG. NO.
SD-54478-5215

REV
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EN-01C(032)MXJ-32