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Part Number: [0553475215](#)
Status: **Active**
Description: HMC™ Rectangular Industrial Male 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 [55347](#)
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 Male
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 No
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-55347-5215

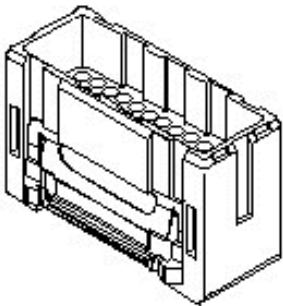


image - Reference only

Series

EU RoHS

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

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
[55347Series](#)

Mates With
[54478-5215](#) housing

Use With
[58783-0010](#) panel-mount bracket, [55124](#)
terminal, [58782-0010](#) hood bracket

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DWG. NO.
SD-55347-52 I5

E

D

C

B

A

MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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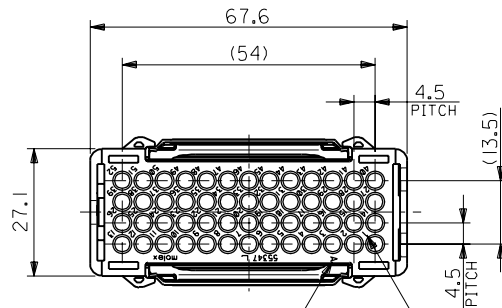
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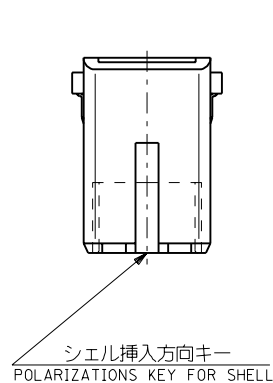
1

電線挿入側
WIRE SIDE



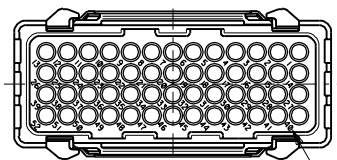
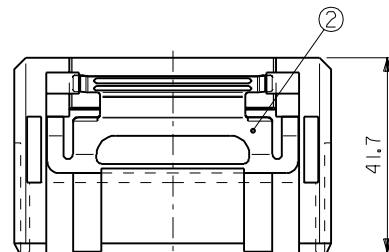
極性タイプ表示
POLARIZATIONS TYPE IDENTIFICATION

回路番号表示
CKT.No.IDENTIFICATION

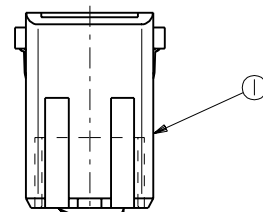


シェル挿入方向キー
POLARIZATIONS KEY FOR SHELL

嵌合側
MATING SIDE



回路番号表示
CKT.No.IDENTIFICATION



シェル挿入方向キー
POLARIZATIONS KEY FOR SHELL

M+
NOTES

- 嵌合相手 : 54478-52 I5
MATES WITH : 54478-52 I5
- 適用端子 : 55 I24-4***
APPLICABLE PIN CONTACT : 55 I24-4***
- 適用シェルアッセンブリ
APPLICABLE SHELL ASS'Y
プラグ : 58782-00 I0
PLUG : 58782-00 I0
リセプタクル : 58783-00 I0
RECEPTACLE : 58783-00 I0

②	スプリング SPRING	ステンレス STAINLESS STEEL	2	55347-52 I5	52
①	メイルハウジング アッセンブリ MALE 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.

角度 ANGLE		±3°	材料 MATERIAL		表参照 SEE TABLE
30°以上 OVER		±0.3	仕上げ FINISH		—
10°以上 30°未満 OVER UNDER		±0.25	適用電線範囲 WIRE RANGE		—
10°未満 UNDER		±0.2	被覆外径 INS. RANGE		—
公差 TOLERANCES		0	DRAWN BY J. M. Y. 1		CHK'D BY J. O. G.
記号 LTR		◇×◇× RELEASED	DR. CHK. 日付 DATE		APP'D BY J. O. G.
変更内容 REVISION RECORD		(J090683)	尺度 SCALE		1-1

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. MALE HS'G ASS'Y (嵌合極性タイプ A) (MATING POLARIZATIONS TYPE A)	
DWG. NO. SD-55347-52 I5	REV 0

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EN-01C(032)MXJ-32

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553475A.DGN