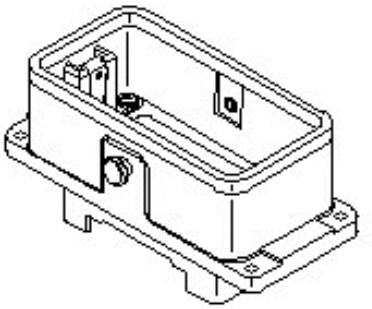
This document was generated on 04/05/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0587830011

Status: Active

Description: HMC™ Rectangular Industrial Receptacle Shell Assembly, Single Module Type, For Small Plug Cover, For Panel Mount and Wire-to-Wire, 12 and 40 Circuits



Series image - Reference only

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	58783
Application	Panel-Mount, Wire-to-Wire
Component Type	Panel-Mount Bracket
Product Name	HMC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	40
Circuits (maximum)	40
Durability (mating cycles max)	50
Flammability	94V-0
Gender	Receptacle
Lock to Mating Part	Yes
Material - Plating Mating	n/a
Number of Rows	4
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	Screws
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
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
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	300V DC (RMS)

Material Info

Reference - Drawing Numbers

Product Specification	PS-54478-001

EU RoHS | **China RoHS**

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free Status

Not Reviewed

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

58783Series

Mates With

58782-0011 Plug Shell Assembly

Use With

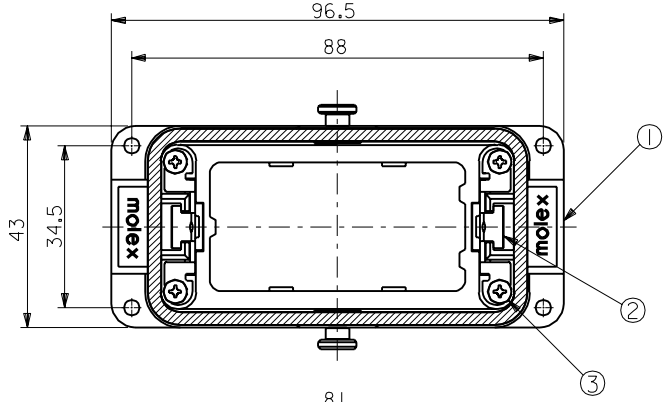
58474 Wire-to-Wire Covers, 58550 End Bell Cap, 58455 End Bell Cap, 55347 Housing, 54478 Housing, 54296 TerminalLink:54297 Terminal, 55124 Terminal,

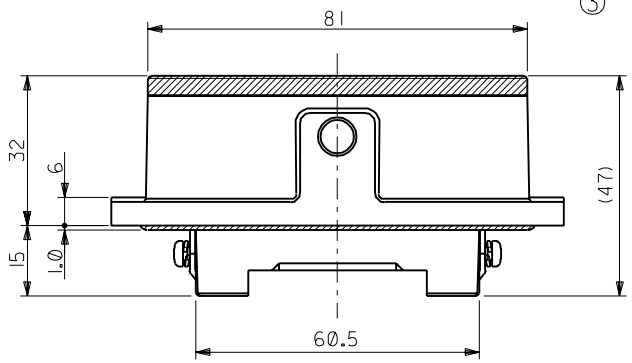
Sales Drawing SD-58783-0011

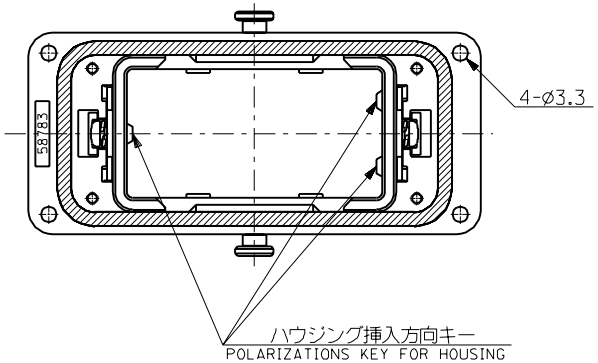
This document was generated on 04/05/2010

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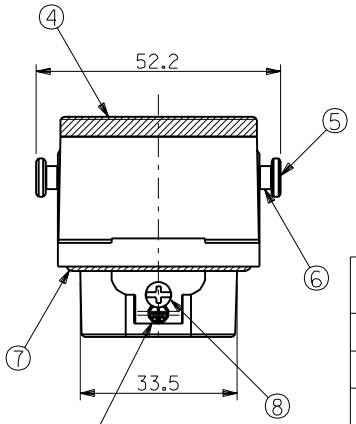
DWG. NO. SD-58783-0011







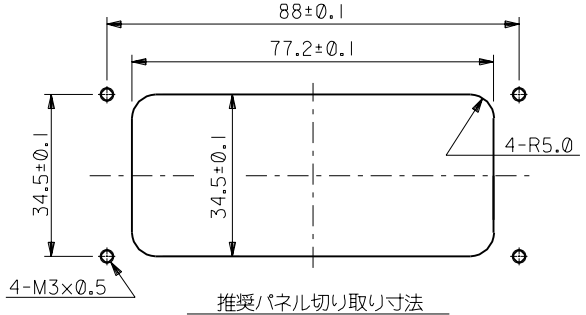
ハウジング挿入方向キー
POLARIZATIONS KEY FOR HOUSING



PEマーク表示
PE MARK IDENTIFICATION

M+
NOTES

1. 適用ハウジングアッセンブリ
APPLICABLE HOUSING ASS'Y
55347-40*5 (40 CKTS. MAIL HS'G ASS'Y)
55348-12*5 (12 CKTS. MAIL HS'G ASS'Y)
54478-40*5 (40 CKTS. FEMAIL HS'G ASS'Y)
54479-12*5 (12 CKTS. FEMAIL HS'G ASS'Y)
2. 推奨ねじ締め付けトルク：5～6kgf・cm
RECOMENDED SCREW TIGHTENING TORQUE：5～6kgf・cm
3. 適用グランド圧着端子
APPLICABLE CRIMP TERMINAL FOR GROUND
活線と同等かそれ以上の電線サイズに適用した圧着端子を使用
RING TERMINAL FOR POWER WIRE SIZE OR BIGGER ONE.



推奨パネル切り取り寸法
RECOMMENDED PANEL OPENING

部番 NO.	部品名 PARTS NAME	材質 MATERIAL	個数 QUAN.	製品番号 ENG. NO.
⑧	ばね座金組込みプラマイねじ(M3 X 5) FREE DRIVE HEAD SCREWS WITH SPRING WASHER(M3 5)	鋼，ニッケルメッキ STEEL, Ni PLATING	2	58783-0011
⑦	リセプタクル ラバーX B RECEPTACLE RUBBER B	合成ゴム SYNTHETIC RUBBER	1	
⑥	スリーブ SLEEVE	ステンレス STAINLESS STEEL	2	
⑤	リセプタクル ロックピン RECEPTACLE LOCKING PIN	ステンレス STAINLESS STEEL	2	
④	リセプタクル ラバー A RECEPTACLE RUBBER A	合成ゴム SYNTHETIC RUBBER	1	
③	固定ネジ(M2.5 X 4) SCREW (M2.5 X 4)	鋼，ニッケルメッキ STEEL, Ni PLATING	4	
②	リセプタクル グランド ターミナル RECEPTACLE GROUND TERMINAL	黄銅，ニッケルメッキ BRASS, Ni PLATING	2	
①	リセプタクル シェル RECEPTACLE SHELL	アルミニウム合金 ALUMINIUM ALLOY	1	

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

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
Ø	◇*◇◇ RELEASED (JD90683)	J.M Y.I	'98/11/06

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 J. Nagazawa
CHK'D BY Y.Ito
APP'D BY Y. Yamaguchi
尺度 SCALE 1-1

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.
REC. SHELL ASS'Y
(SMALL)

DWG. NO. (SHETT 1 OF 3) SD-58783-0011
REV Ø

S58783S1.DGN

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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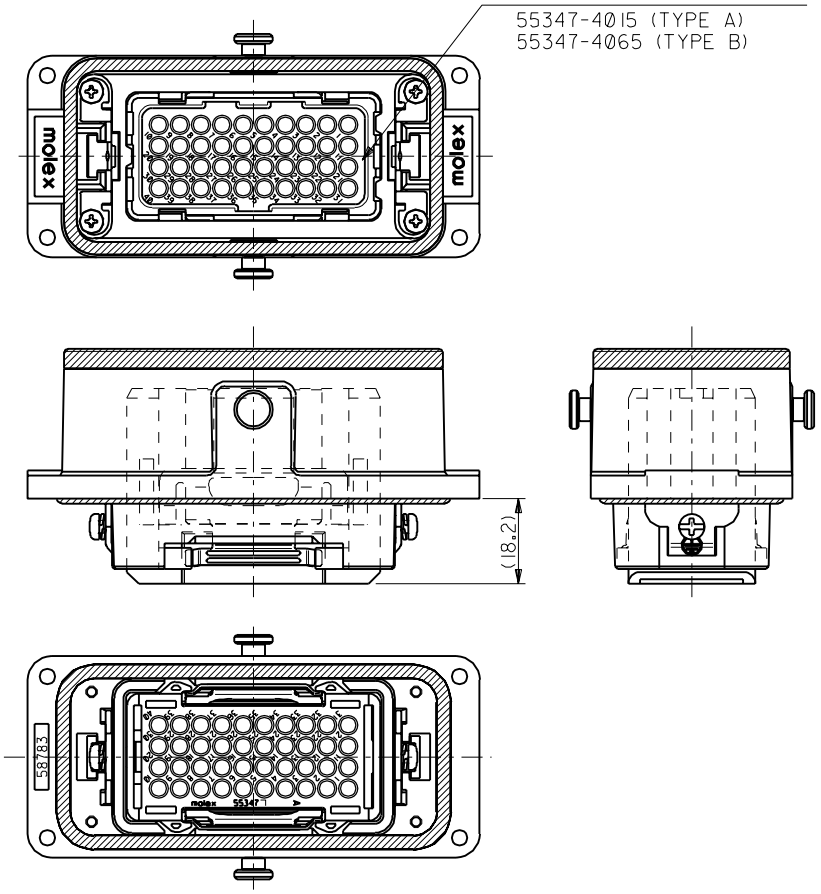
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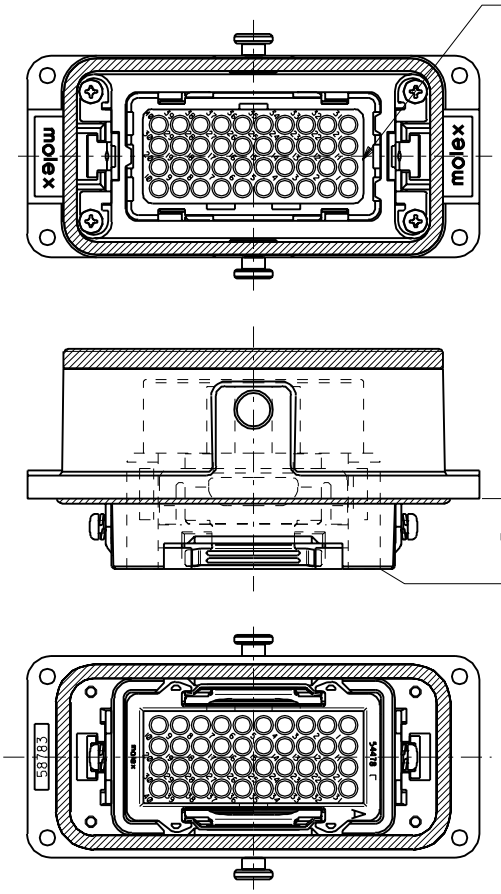
DWG. NO. SD-58783-0011

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MALE HS'G ASS'Y (40 CKTS.)
55347-4015 (TYPE A)
55347-4065 (TYPE B)

FEM





メイルハウジングアッセンブリ装着状態図
FIGURE OF MALE HOUSING ASS'Y WHEN ASSEMBLED

フィメイルハウジングアッセンブリ装
FIGURE OF FEMALE HOUSING ASS'Y WHEN

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2

SEE SHEET 1 OF 3

一般公差 GENERAL TOLERANCES

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

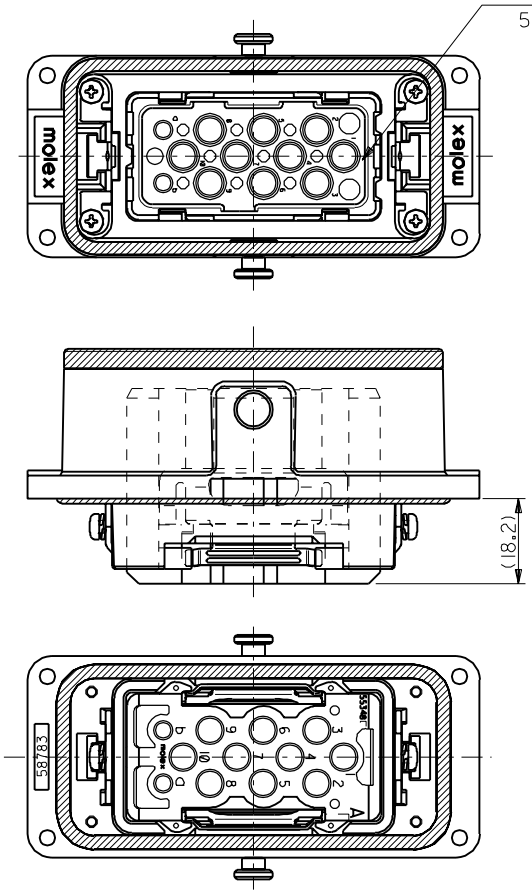
材料 MATERIAL	SEE SHEET 1 OF 3
仕上げ FINISH	#
適用電線範囲 WIRE RANGE	#
被覆外径 INS. RANGE	#
DRAWN BY	CHK'D BY
APP'D BY	尺度 SCALE

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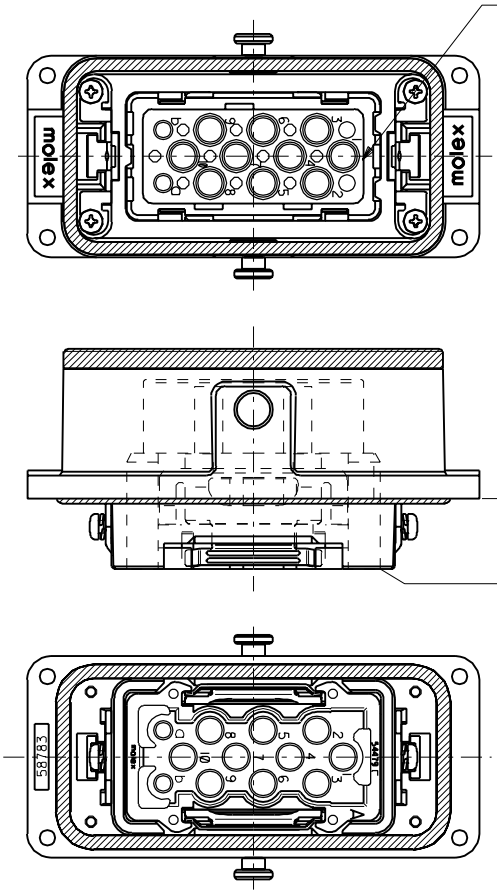
:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

MALE HS'G ASS'Y (12 CKTS.)
55348-1215 (TYPE A)



メイルハウジングアッセンブリ装着状態図
FIGURE OF MALE HOUSING ASS'Y WHEN ASSEMBLED

FEM



フィメイルハウジングアッセンブリ装
FIGURE OF FEMALE HOUSING ASS'Y WHEN

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

SEE SHEET 1 OF 3

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

材料 MATERIAL	SEE SHEET 1 OF 3
仕上げ FINISH	#
適用電線範囲 WIRE RANGE	#
被覆外径 INS. RANGE	#
DRAWN BY	CHK'D BY
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