

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0542979231

Status:

Active

Overview:

minihmc

Description:

HMC™ Rectangular Industrial Female Terminal, 54297, 10 AWG, Black Retainer

Documents:

3D Model

Drawing (PDF)

Product Specification PS-54478-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	<u>54297</u>
Crimp Quality Equipment	Yes
Overview	<u>minihmc</u>
Product Name	HMC™
Physical	
Gender	Female
Material - Metal	Brass
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Packaging Type	Bag
Plating min: Mating (µin)	200
Plating min: Mating (µm)	5
Plating min: Termination (µin)	200
Plating min: Termination (µm)	5
Wire Insulation Diameter	5.00mm (.197") max.
Wire Size AWG	10
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-54478-001
Sales Drawing	SD-54297-9***



image - Reference onlySeries

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

54297Series

Mates With

55125

Use With

54479 housing

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Japan

Description

Product #

Hand Extraction Tool0573886000

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DWG. NO.
SD-54297-9***

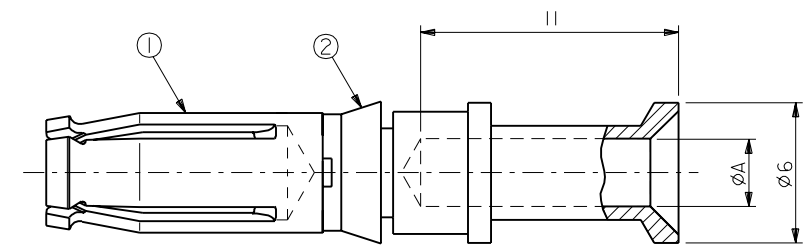
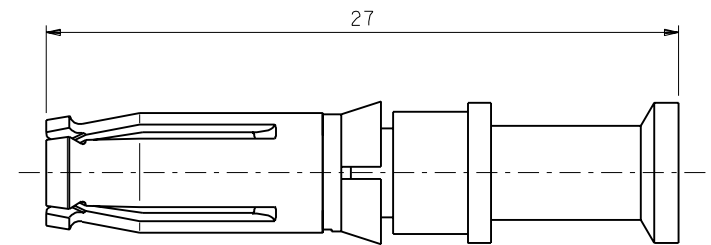
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D

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DIMENSIONS IN METRIC DO NOT SCALE DRAWING

A
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部番 NO.	部品名 PARTS NAME	個数 QUAN.	材質 MATERIAL
①	φ3.5ソケットコンタクト φ3.5 SOCKET CONTACT	1	黄銅, 銀メッキ BRASS, Ag PLATING
②	リテーナー RETAINER	1	66ナイロン NYLON 66



- 注)
NOTES:
1. 嵌合相手 : 55125-4***
MATING SOCKET CONTACT : 55125-4***
 2. 適用引き抜き工具 : 57388-6000
APPLICABLE EXTRACTION TOOL : 57388-6000
 3. 圧着工具の 57388-5200 にはロケーター
(57388-5202) が付属されています。
LOCATOR (57388-5202) IS ATTACHED TO 57388-5200
OF THE CRIMP TOOL.

57388-5202		57388-5200	9.5±0.4	5	5.5~6	#10	黒 BLACK	3.5	54297-9231
58487-0000	57388-1000	57388-5000			3.5~4	#12	白 WHITE	2.85	54297-9131
③ ロケーター LOCATOR	半自動 SEMI-AUTOMATIC	手動 HAND	皮剥長さ(mm) STRIPPING LENGTH	被覆外径(φmm MAX.) INSULATION DIAMETER	断面積 (mm ²) SQ (mm ²)	電線径(AWG) WIRE SIZE(AWG)	リテーナー色 RETAINER COLOR	A	製品番号 ENG. NUMBER
適用電線範囲 APPLICABLE WIRE RANGE									

材料 MATERIAL		表参照 SEE TABLE		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
仕上げ FINISH		表参照 SEE TABLE		REVISE ONLY ON CAD SYSTEM	
適用電線範囲 WIRE RANGE		表参照 SEE TABLE		TITLE 名称 φ3.5 SOCKET CONTACT ASS'Y (MACHINED TYPE)	
被覆外径 INS. RANGE		表参照 SEE TABLE		DWG. NO. SD-54297-9***	
DRAWN BY CHK'D BY		DATE		REV B	
APPRO'D BY DATE		SCALE 5-1			

角度 ANGLE	±3°				
30°以上 OVER	±0.3	B	変更 REVISED	1/02/000-0149	S.A. J.M.
10°以上 30°未満 OVER UNDER	±0.25	A	変更 REVISED	1/02/000-0149	J.M. Y.I.
10°未満 UNDER	±0.2	0	新規作成 RELEASED	1/02/000-0149	J.M. Y.I.
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE