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Part Number: 0542979231
Status: Active
Overview: minihmc
Description: HMC™ Rectangular Industrial Female Terminal, 54297, 10 AWG, Black Retainer



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-54478-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	54297
Crimp Quality Equipment	Yes
Overview	minihmc
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***

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

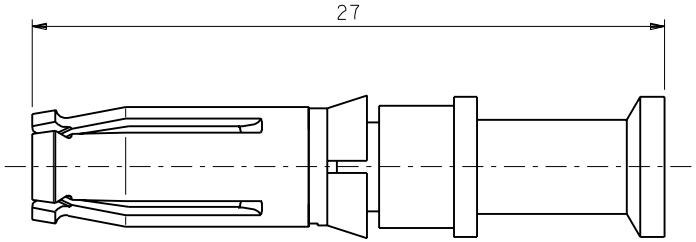
Description	Product #
Hand Extraction Tool	0573886000

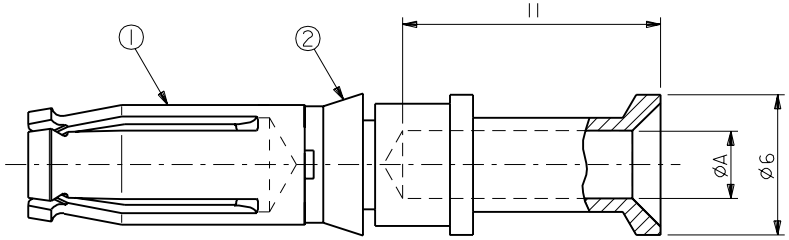
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部番 NO.	部品名 PARTS NAME	個数 QUAN.	材質 MATERIAL
①	ø3.5ソケットコンタクト ø3.5 SOCKET CONTACT	1	黄銅，銀メッキ BRASS, Ag PLATING
②	リテーナー RETAINER	1	66ナイロン NYLON 66

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





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(ømm 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
	圧着工具 CRIMP TOOL		適用電線範囲 APPRICABLE WIRE RANGE						

角度 ANGLE	±3°					
30 以上 OVER	±0.3	B	変更 REVISED (JD2000-0749)	S.A	J.M	'00/01/26
10 以上 30 未満 OVER UNDER	±0.25	A	変更 REVISED (JD90683)	J.M	Y.I	'98/11/06
10 未満 UNDER	±0.2	0	新規作成 RELEASED (JD80682)	J.M	Y.I	'97/11/05
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR.	CHK.	日付 DATE

材料 MATERIAL 表参照 SEE TABLE
仕上げ FINISH 表参照 SEE TABLE
適用電線範囲 WIRE RANGE 表参照 SEE TABLE
被覆外径 INS. RANGE 表参照 SEE TABLE
DRAWN BY J. Nagazawa
CHK'D BY Y. Ito
APP'D BY S. Hasegawa
尺度 SCALE 5-1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
ø3.5
SOCKET CONTACT ASS'Y
(MACHINED TYPE)

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

S54297.DGN

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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