

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0542969431

Status:

Active

Overview:

[minihmc](#)

Description:

HMC™ Rectangular Industrial Female Terminal, 54296, 16 AWG, White Retainer

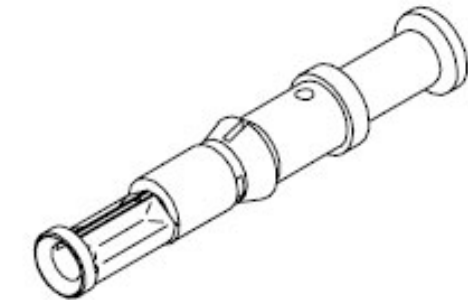


image - Reference only

Series

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-54478-001 \(PDF\)](#)
- [Product Specification PS-54319-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	54296
Crimp Quality Equipment	Yes
Overview	minihmc
Product Name	HMC™

Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Silver
Packaging Type	Bag
Wire Insulation Diameter	3.60mm (.142") max.
Wire Size AWG	16
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

Product Specification	PS-54319-001, PS-54478-001
Sales Drawing	SD-54296-9***

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
[54296Series](#)

Mates With
[55124](#)

Use With
[54479](#) housing, [54478](#) housing

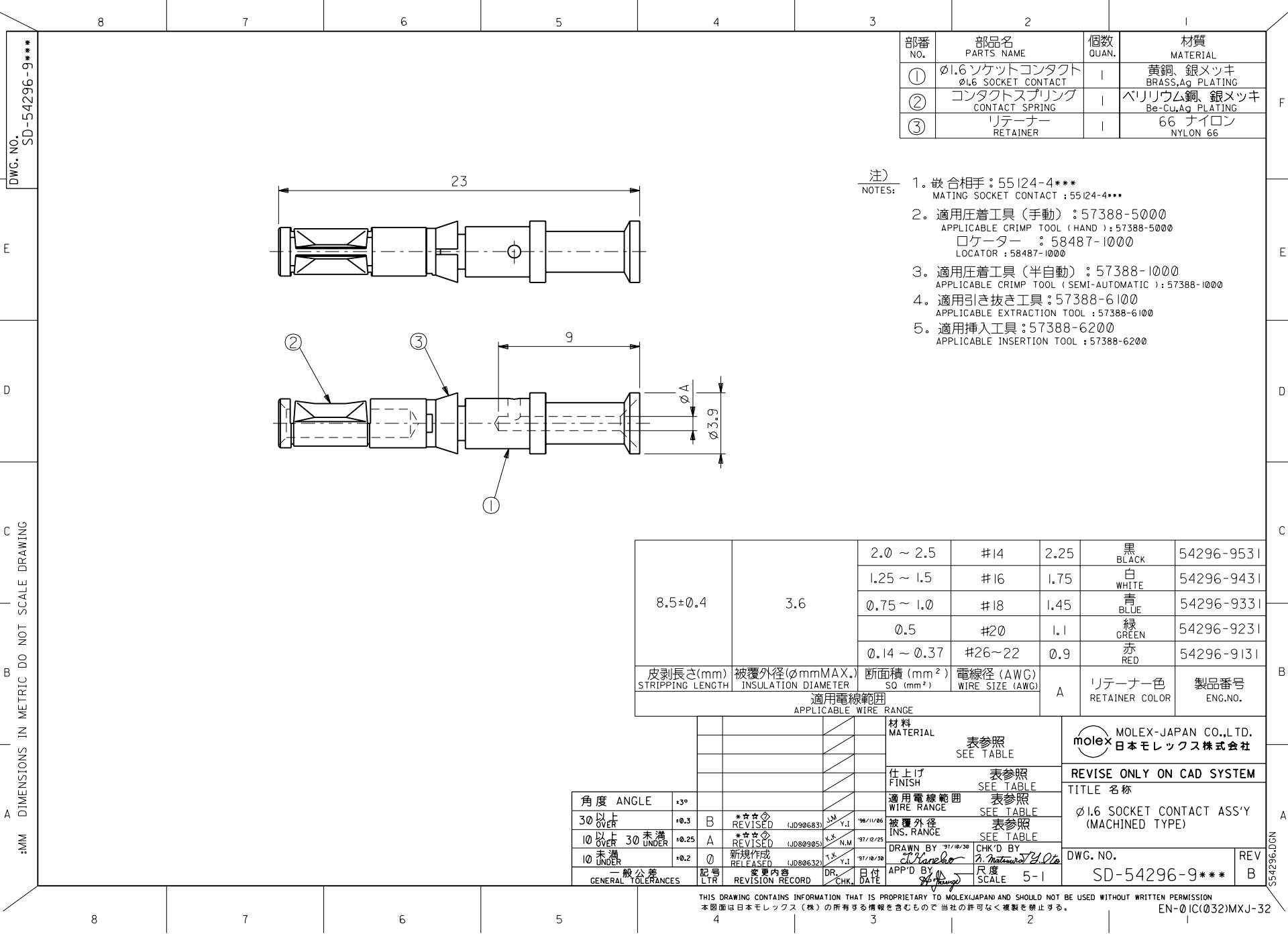
Application Tooling | [FAQ](#)
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Insertion Tool	0638120600
Extraction Tool	0638131800
Hand Crimp Tool	0638231800
for HMC™ 1.60mm (.063") Crimp Terminals	
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	φ1.6 ソケットコンタクト φ1.6 SOCKET CONTACT	1	黄銅、銀メッキ BRASS,Ag PLATING
②	コンタクトスプリング CONTACT SPRING	1	ベリリウム銅、銀メッキ Be-Cu,Ag PLATING
③	リテーナー RETAINER	1	66 ナイロン NYLON 66

- 注) NOTES:
- 嵌合相手 : 55124-4***
MATING SOCKET CONTACT : 55124-4***
 - 適用圧着工具 (手動) : 57388-5000
APPLICABLE CRIMP TOOL (HAND) : 57388-5000
□ゲーター : 58487-1000
LOCATOR : 58487-1000
 - 適用圧着工具 (半自動) : 57388-1000
APPLICABLE CRIMP TOOL (SEMI-AUTOMATIC) : 57388-1000
 - 適用引き抜き工具 : 57388-6100
APPLICABLE EXTRACTION TOOL : 57388-6100
 - 適用挿入工具 : 57388-6200
APPLICABLE INSERTION TOOL : 57388-6200

8.5±0.4	3.6	2.0 ~ 2.5	#14	2.25	黒 BLACK	54296-9531
		1.25 ~ 1.5	#16	1.75	白 WHITE	54296-9431
		0.75 ~ 1.0	#18	1.45	青 BLUE	54296-9331
		0.5	#20	1.1	緑 GREEN	54296-9231
		0.14 ~ 0.37	#26~22	0.9	赤 RED	54296-9131
皮剥長さ(mm) STRIPPING LENGTH	被覆外径(φmmMAX.) INSULATION DIAMETER	断面積 (mm ²) SQ (mm ²)	電線径 (AWG) WIRE SIZE (AWG)	A	リテーナー色 RETAINER COLOR	製品番号 ENG.NO.

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	
				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 CHK'D BY	尺 度 5-1	
角度 ANGLE	±3°			APP'D BY		DWG. NO.
30° 以上 OVER	±0.3	B	*** REVISED (JD90683)	日付 DATE		SD-54296-9***
10° 以上 30° 未満 UNDER	±0.25	A	*** REVISED (JD80985)	DR. CHK.		REV B
10° 未満 UNDER	±0.2	0	新規作成 RELEASED (JD80632)			
一般公差 TOLERANCES		記号 LTR	変更内容 REVISION RECORD			