This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0542969131
Status: Active
Overview: minihmc
Description: HMC™ Rectangular Industrial Female Terminal, 54296, 22-26 AWG, Red Retainer

Documents:

Drawing (PDF)
Product Specification PS-54319-001 (PDF)
Product Specification PS-54478-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

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

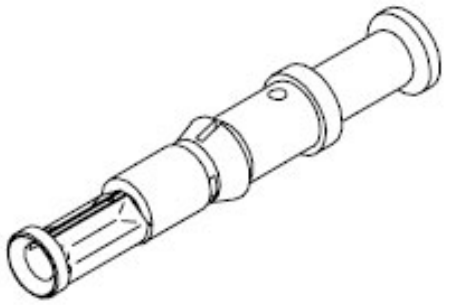
Physical

Gender	Female
Material - Metal	Brass
Material - Plating Mating	Silver
Packaging Type	Bag
Wire Insulation Diameter	3.60mm (.142") max.
Wire Size AWG	22, 24, 26
Wire Size mm²	N/A

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

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 for HMC™ 1.60mm (.063”) Crimp Terminals	0638231800

Japan

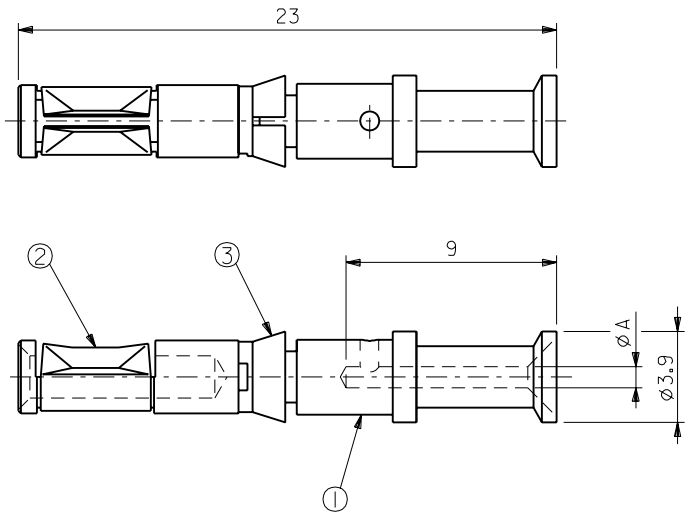
Description	Product #
Hand Extraction Tool	0573886000

This document was generated on 06/01/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DWG. NO. SD-54296-9***

部番 NO.	部品名 PARTS NAME	個数 QUAN.	材質 MATERIAL
①	ø1.6ソケットコンタクト ø1.6 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:

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

皮剥長さ(mm) STRIPPING LENGTH	被覆外径(ø mmMAX.) INSULATION DIAMETER	断面積 (mm²) SQ (mm²)	電線径 (AWG) WIRE SIZE (AWG)	A	リテーナー色 RETAINER COLOR	製品番号 ENG.NO.
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
適用電線範囲 APPLICABLE WIRE RANGE						

角度 ANGLE	±3°				
30 以上 OVER	±0.3	B	☆☆☆ REVISED (JD90683)	J.M Y.I	'98/11/06
10 以上 OVER 30 未満 UNDER	±0.25	A	☆☆☆ REVISED (JD80905)	K.K N.M	'97/12/25
10 未満 UNDER	±0.2	0	新規作成 RELEASED (JD80632)	T.K Y.I	'97/10/30
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 '97/10/30 T.Kaneko　CHK'D BY T.Matsuura Y.Ota

APP'D BY　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
ø1.6 SOCKET CONTACT ASS'Y (MACHINED TYPE)

DWG. NO. SD-54296-9*** REV B

S54296.DGN

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX(JAPAN) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
本図面は日本モレックス（株）の所有する情報を含むもので当社の許可なく複製を禁止する。

EN-0IC(Ø32)MXJ-32