

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0593190028](#)
Status: **Active**
Overview: [minihmc](#)
Description: HMC™ Rectangular Industrial Female Terminal, Multi-Module Type, Reel

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General	
Product Family	Crimp Terminals
Series	59319
Crimp Quality Equipment	Yes
Overview	minihmc
Product Name	HMC™
Physical	
Durability (mating cycles max)	50
Gender	Receptacle
Material - Metal	Silicon Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.20-2.70mm (.087-.106")
Wire Size AWG	16
Wire Size mm²	N/A

Electrical	
Current - Maximum per Contact	13A
Voltage - Maximum	250V AC / 300V DC

Material Info

Reference - Drawing Numbers	
Product Specification	RPS-58719-008
Sales Drawing	SD-59319-002

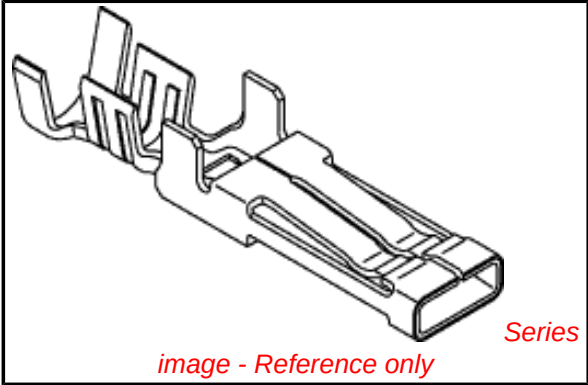


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

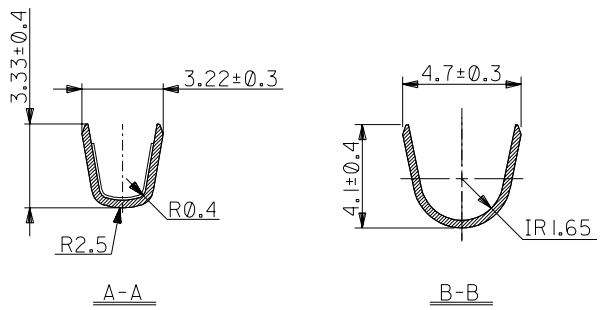
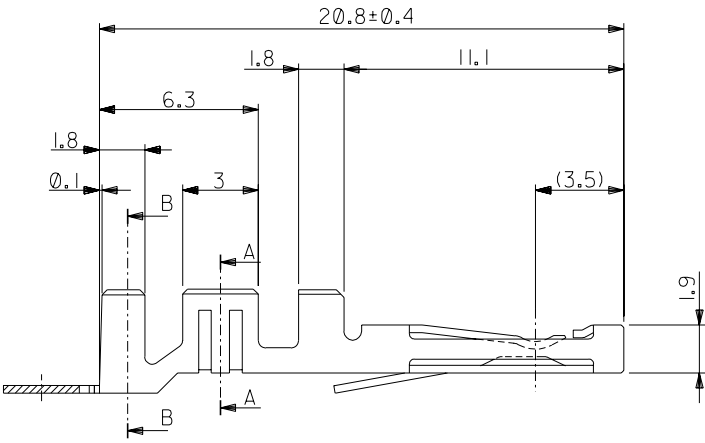
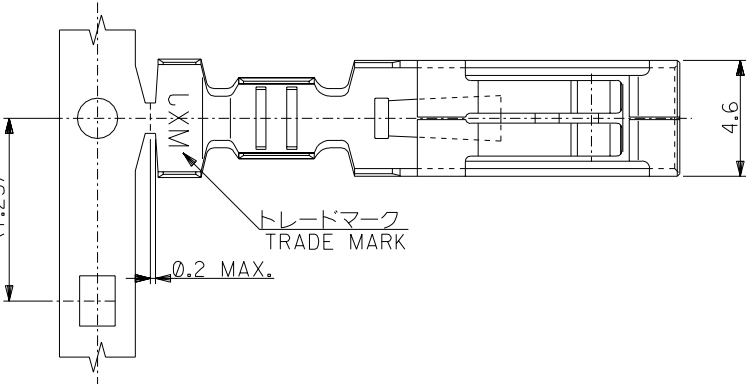
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[59319Series](#)

Use With
[51195 Housing](#)

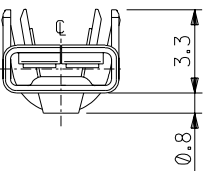
Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i>	
Japan	
Description	Product #
Applicator for M211A Bench Press, 14-18 AWG, for 50637/50638/59319/59320 Crimp Terminal Large Applicator For 5-Ton Press	0573553000 0573553200

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注)
NOTES:

1. 材質
MATERIAL
銅合金 (板厚: 0.3)
COPPER ALLOY (THICKNESS: 0.3)
2. メッキ仕様
TERMINAL PLATING
接点部 : 金メッキ 0.25 μm MIN.
CONTACT AREA : GOLD 0.25 MICROMETER MIN.
圧着部 : 錫メッキ 1.0 μm MIN.
CRIMP AREA : TIN 1.0 MICROMETER MIN.
下地メッキ : ニッケルメッキ 2.0 μm MIN.
UNDER PLATE : NICKEL 2.0 MICROMETER MIN.
3. 適用電線範囲 : UL 2517, AWG #16
APPLICABLE WIRE RANGE : UL2517, AWG #16
4. 被覆外径 : φ2.2~φ2.7
INSULATION EXTERNAL DIA : φ2.2~φ2.7
5. 適用ハウジングアッセンブリ : 51195 シリーズ
APPLICABLE HOUSING ASS'Y : 51195 SERIES
6. 本製品は59319-**-90の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 59319-**-90.



バラ状 LOOSE	59319-0128	59319-**-28
連鎖状 CHAIN	59319-0028	
端子形状 TERMINAL CONFIGURATION	MATERIAL No.	MODEL No.

EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		REV	DESCRIPTION	MATERIAL 材料	GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE 1:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm ☒ mm ONLY	REVISE ON CAD ONLY				
RELEASED EC NO. J2004-3411 DRWN: Y.WADA '04/03/29 CH'K: M.SASAO '04/03/29 APPR: M.SASAO '04/03/29											FINISH 仕上り	10 UNDER 未満	±0.2	DRAWN BY & DATE Y.WADA '04/03/29		TITLE: POWER CONN. REC. CRIMP TERMINAL -LEAD FREE-					
												10 OVER 以上	30 UNDER 未満	±0.25	CHECKED BY & DATE M.SASAO '04/03/29						
												30 OVER 以上	±0.3	APPROVED BY & DATE M.SASAO '04/03/29		MOLEX MOLEX INCORPORATED					
								WIRE RANGE 適用電線範囲	ANGLE 角度	±3°	CAD FILENAME SD-59319-002.S01		MATERIAL NO. SEE CHART	DRAWING NO. SD-59319-002	SHEET NO. 1 OF 1						
0									INS. RANGE 被覆外径		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.										SIZE B