

NOTES

- ① 材料及び仕上げ(めっき仕様) : TABLE 1 参照
MATERIAL AND FINISHES : SEE TABLE 1
- ② 適合ハウジング, 嵌合相手, 関連ドキュメントについてはSHEET 2 を御参照下さい。
PLEASE REFER TO SHEET 2 FOR APPLICABLE HOUSING, MATING PARTNER AND RELATED DOCUMENTS.

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2.4	2.48	1.3	1.42	Φ1.28-1.42mm	AWG#24-26	リール REEL	507528400	連鎖状 CHAIN
2.9	2.51	1.9	2.05	Φ1.5-1.8mm	AWG#20-22	リール REEL	507528200	連鎖状 CHAIN
D	C	B	A	絶縁被覆外径範囲 INSULATION RANGE	適用電線範囲 WIRE RANGE	梱包形態 PACKAGING	発注番号 ORDER No.	端子形状 FORM

① TABLE 1

部品 PART	材質 MATERIAL
ターミナル TERMINAL	りん青銅 PHOSPHOR BRONZE
めっき PLATING	錫めっき : 0.9 MICRO METER MINIMUM リフロー処理(前めっき) REFLOW TREATMENT (PRE-PLATING)
DOCUMENT STATUS	P1
RELEASE DATE	2020/09/28 04:28:53

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DIMENSION UNITS: mm SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 3.0°

4 PLACES ± 0.2
3 PLACES ± 0.2
2 PLACES ± 0.2
1 PLACE ± 0.2
0 PLACES ± 0.2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE SERIES: 50752

EC NO: 646034
DRWN: RWATANABE01 2019/09/12
CHK'D: AIDA 2020/09/28
APPR: SAKIYAMA 2020/09/28

INITIAL REVISION:
DRWN: RWATANABE01 2018/03/14
APPR: TKANEKO 2018/09/10

molex

MINI-LOCK 2.5 CRIMP TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 507520000-SD
DOC TYPE: PSD
DOC PART: 001
REVISION: C


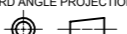
MATERIAL NUMBER: GENERAL
CUSTOMER: GENERAL
SHEET NUMBER: 1 OF 2

△ 適合製品及び各種仕様書
 APPLICABLE PRODUCTS AND VARIOUS SPECIFICATIONS

圧着端子 梱包仕様書 PACKAGING SPECIFICATION OF CRIMP TERMINAL	PART NUMBER	SPECIFICATION NUMBER
	50752 8200 / 8400	507529200-SPK PS 200

適合ハウジング APPLICABLE HOUSING	51163		
シリーズ番号 SERIES No.			
適合リテーナー APPLICABLE RETAINER	51164		
シリーズ番号 SERIES No.			
適合嵌合相手 MATE WITH	THROUGH HOLE		
	VERTICAL	VERTICAL (FOR POTTING)	RIGHT ANGLE
	TIN PLATING		TIN PLATING
シリーズ番号 SERIES No.	53375	53517	53426
製品仕様書 PRODUCT SPECIFICATION	511630000-PS PS 000		
取扱説明書 APPLICATION SPECIFICATION	2166940000-AS PS 000		

製品嵌合図は各"適合嵌合相手"図面参照のこと
 MATING VIEW : REFER TO EACH "MATE WITH" PART DRAWING.

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DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISED							
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)							MINI-LOCK 2.5 CRIMP TERMINAL		
ANGULAR TOL	± 3.0 °								
4 PLACES	± 0.2	EC NO: 646034				PRODUCT CUSTOMER DRAWING			
3 PLACES	± 0.2	DRWN: RWATANABE01	2019/09/12						
2 PLACES	± 0.2	CHK'D: AIDA	2020/09/28			DOCUMENT NUMBER 507520000-SD			
1 PLACE	± 0.2	APPR: SAKIYAMA	2020/09/28						
0 PLACES	± 0.2	INITIAL REVISION:				DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: RWATANABE01	2018/03/14			PSD	001	C	
THIRD ANGLE PROJECTION		APPR: TKANEKO	2018/09/10			MATERIAL NUMBER 50752		CUSTOMER GENERAL	
		DRAWING	SERIES	SHEET NUMBER					
		A3-SIZE	50752	2 OF 2					



Part Number : [507528200](#)

Product Description : 2.50mm Pitch, Mini-Lock Female Crimp Terminal, Matte Tin Plating, 20-22 AWG, Reel

Series Number : 50752

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

[Drawing 507528200_sd.pdf](#)

3D Models and Design Files

[3D Model 507528200_stp.zip](#)

Specifications

[Packaging Specification 507529200-SPK-200.pdf](#)

[Product Specification 511630000-PS-000.pdf](#)


[Product Specification 511631000-PS-000.pdf](#)

Tooling Specifications

[Crimp Specification 507520000-CS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	50752
Description	2.50mm Pitch, Mini-Lock Female Crimp Terminal, Matte Tin Plating, 20-22 AWG, Reel
Application	Signal, Wire-to-Board
Product Family	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
UPC	191128816717

Electrical

Current - Maximum per Contact	3.5A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	66.920/mg
Packaging Type	Reel
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.50-1.80mm
Wire Size (AWG)	20, 22
Wire Size mm ²	N/A

Use with Part(s)

Description	Part Number
Mini-Lock Single Row Receptacle Housings	<u>51163</u>

Application Tooling**Global**

Description	Part Number
Hand Crimp Tool for Mini-Lock Female Crimp Terminals, 20-22 AWG	<u>2002184900</u>
FA2 Mechanical Applicator for Mini-lock Terminals, 20-22 AWG	<u>638085900</u>
FA2 Pneumatic Feed Crimp Applicator for Mini-Lock Crimp Terminals, 20-22 AWG	<u>638085910</u>
Extraction Tool for 2.50mm Pitch Mini-Lock Wire-to-Board Female Terminal	<u>638248400</u>

Application Tooling**Japan**

Description	Part Number
S-1 Applicator for 2.50mm Pitch Mini-Lock Wire-to-Board Crimp Terminals, 20-22 AWG	<u>2069623700</u>