

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0781725006](#)
Status: **Active**
Overview: [picoezmate](#)
Description: 1.20mm (.047") Pico-EZmate™ Wire-to-Board Housing, 6 Circuits, Lead free

Documents:
[3D Model](#) [Product Specification PS-78172-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family Crimp Housings
Series [78172](#)
Overview [picoezmate](#)
Product Name Pico-EZmate™

Physical

Circuits (maximum) 6
Color - Resin Black
Flammability 94V-0
Gender Receptacle
Glow-Wire Compliant No
Keying to Mating Part Yes
Lock to Mating Part Yes
Number of Rows 1
Packaging Type Bag
Panel Mount No
Pitch - Mating Interface (in) 0.047 In
Pitch - Mating Interface (mm) 1.20 mm
Polarized to Mating Part Yes
Ports 1
Stackable No
Temperature Range - Operating -25°C to +85°C

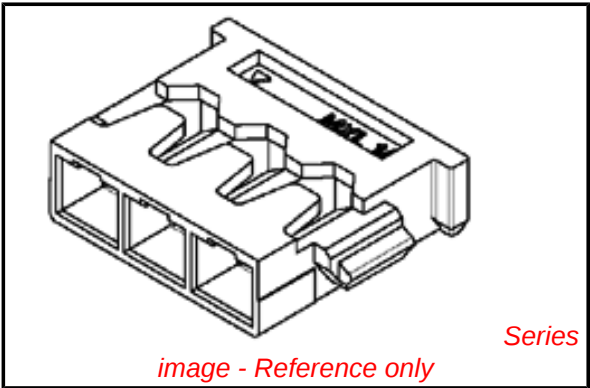
Electrical

Current - Maximum per Contact 1.5A

Material Info

Reference - Drawing Numbers

Application Specification AS-78172-001
Product Specification PS-78172-001
Sales Drawing SD-78172-001



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

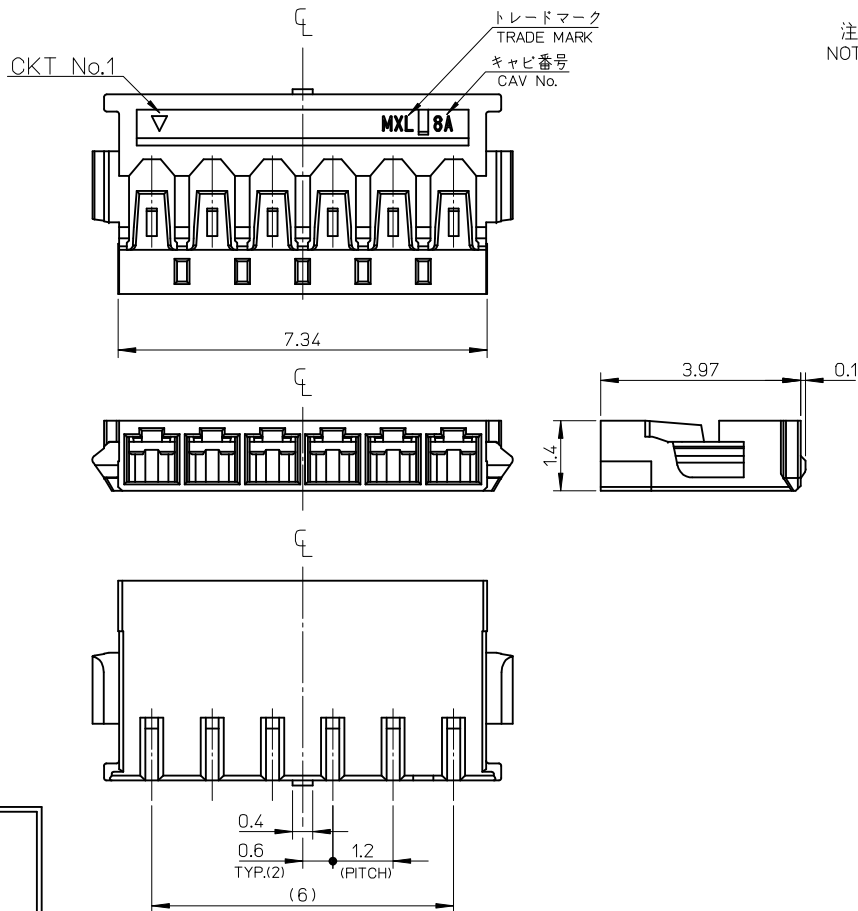
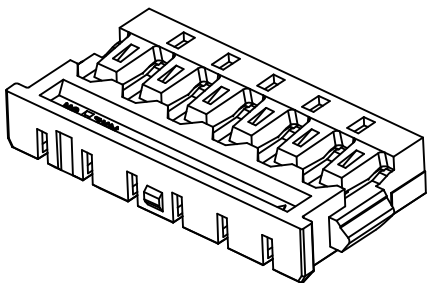
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

Search Parts in this Series
[78172Series](#)

Mates With
[78171 Header](#)

Use With
[78172-0410 Crimp Terminals](#)



- 注記 NOTES.
- 材質 MATERIALS HOUSING: PA46, UL94V-2, 色: 黒
 - 適合ターミナル: 78172-041*
APPLICABLE TERMINAL: 78172-041*
 - 嵌合相手: 78171-5006
MATES WITH

- 梱包形態: 袋詰め梱包
PACKAGING SPECIFICATION: PLASTIC BAG PACKAGING
- 製品番号は右記の内容を示す: 78172-5006
PRODUCT NUMBER INDICATES FOLLOWING

- ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT
- 参考として本製品評価時に使用の電線仕様を以下に示します。
THE ELECTRIC WIRE SPECIFICATION USED AS REFERENCE AT THE TIME OF THIS PRODUCT EVALUATION IS SHOWN BELOW.

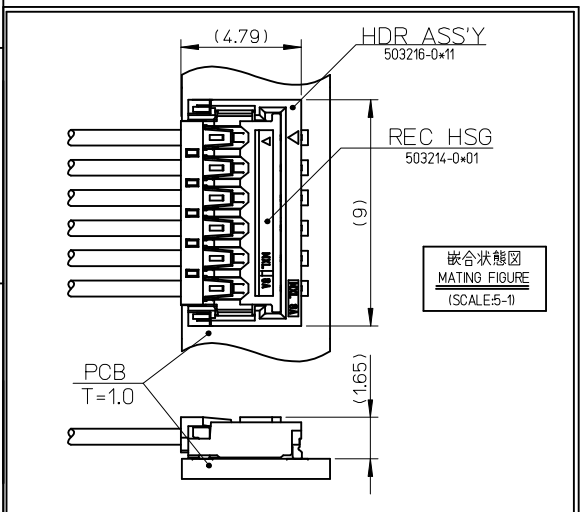
※製品評価時使用電線
UL 3302 電線
UL STYLE 3302

電線サイズ WIRE SIZE	導体仕様 CONDUCTOR SPEC	導体構成 STRANDING, (No./mm)	導体外径 CONDUCTOR DIA. (mm)	絶縁体外径 INSULATION DIA. (mm)
AWG# 30	錫メッキ軟銅線 TINNED ANNEALED COPPER	7/0.10	0.30	0.70

UL 3302 電線
UL STYLE 3302

電線サイズ WIRE SIZE	導体仕様 CONDUCTOR SPEC	導体構成 STRANDING, (No./mm)	導体外径 CONDUCTOR DIA. (mm)	絶縁体外径 INSULATION DIA. (mm)
AWG# 28	錫メッキ軟銅線 TINNED ANNEALED COPPER	7/0.127	0.38	0.6

- 製品の取扱いについては取扱説明書 "AS-78172-001" を参照願います。
REFER TO INSTRUCTION MANUAL "AS-78172-001"



RELEASED EC NO: J2009-1273 DRWN: TODA 2008/11/17 CHKD: SA. SATO 2008/11/18 APPR: S. ICHIKAWA KAWA 2008/11/18 A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T.ODA	DATE 08/06/16	TITLE 1.2W/B CONN REC CRIMP HSG 6CKT				
		10 OVER 30 UNDER	± 0.25	CHECKED BY SA. SATO	DATE 08/06/16					
		30 OVER	± 0.3	APPROVED BY S. ICHIKAWA	DATE 08/06/16	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-78172-001			1 OF 1		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								