

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0781720410

Status:

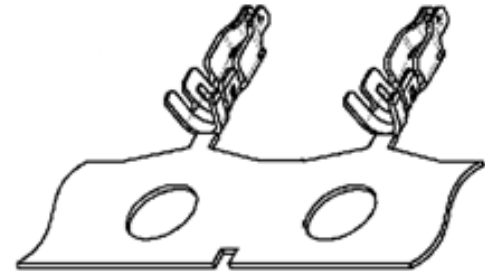
Active

Overview:

picoezmate

Description:

1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Crimp Terminal, Gold (Au) Flash over Nickel (Ni) Plated, Lead free



Series

image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification PS-78171-010 \(PDF\)](#)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Terminals
Series	78172
Crimp Quality Equipment	Yes
Overview	picoezmate
Product Name	Pico-EZmate™

Physical

Durability (mating cycles max)	10
Flammability	94V-0
Gender	Receptacle
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Packaging Type	Reel
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.60mm(.024") and 0.58mm(.023
Wire Size AWG	28, 30
Wire Size mm²	0.127 AND 0.102

Material Info

Reference - Drawing Numbers

Application Specification	AS-78172-001, AS-78172-006
Packaging Specification	PK-89990-681
Product Specification	PS-78171-010
Sales Drawing	SD-78172-008

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

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 PCB Header

Use With
78172 Crimp Receptacle Housings

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 #
FineAdjust™ Applicator for 1.20mm (.047") Pico-EZMate™ Wire-to-Board Terminals	0639011300
T2 Terminator for 1.20mm (.047") Pico-	0639111300

Ezmate™, 28-30
AWG
Hand Crimp Tool for [0638194300](#)
Pico-Ezmate™ Wire-
to-Board Terminal,
28-30 AWG for loose
parts only
Extraction Tool [0638132700](#)
Hand Tool for [0638194800](#)
1.20mm (.047")
Pitch Pico-Ezmate™
Crimp Terminals,
28 AWG for reeled
product
Hand Tool for [0638230100](#)
1.20mm (.047")
Pitch Pico-Ezmate™
Crimp Terminals,
30 AWG for reeled
product

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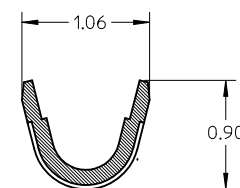
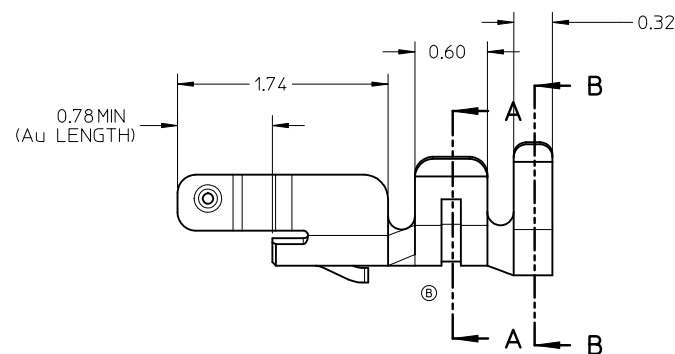
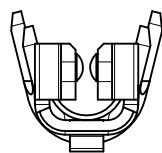
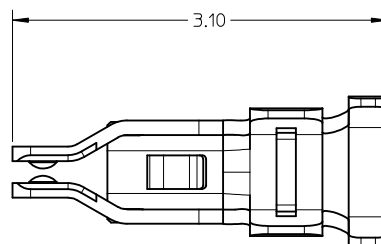
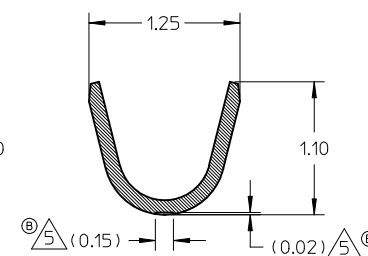
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PART NUMBER

78172-0410
(REEL FORM)SECTION A-A
(CONDUCTOR BARREL)SECTION B-B
(INSULATION BARREL)

NOTES:

1. MATERIAL: COPPER ALLOY
2. PLATING :

GOLD FLASH OVER 1.0uMIN, NICKEL OVERALL

3. TERMINAL TO BE USED WITH MOLEX HOUSING PART NO : 78172-00**

4. TERMINAL TO BE USED WITH WIRE AWG#28, AWG#30

OPTIONAL TOOL MARK FOR TOOL RECOGNITION PURPOSE

REVISED	EC NO: J2010-0783	2009/11/12	2009/12/11	2009/12/14
DRWN:CWLAM	CHKD:LSLEE	APPR:NUKITA		
B				

REV	DESCRIPTION
	QUALITY SYMBOLS
	▽=0
	▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.30	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
CWLAM	2007/11/05
CHECKED BY	DATE
KSSHANTHA	2007/12/07
APPROVED BY	DATE
NAGESGKN	2007/12/14
MATERIAL NO.	
SEE TABLE	
SIZE	A3

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
1.20MM PITCH, W-T-B 1.40MM HEIGHT RECEPTACLE CONNECTOR		
MOLEX INCORPORATED		
DOCUMENT NO. SD-78172-008		SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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10 9 8 7 6 5 4 3 2 1

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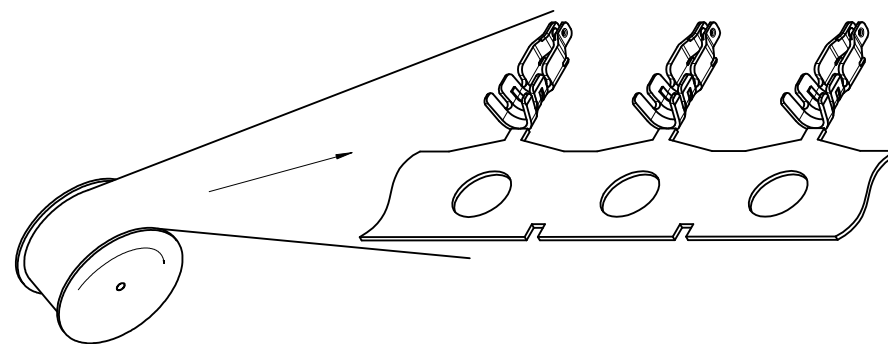
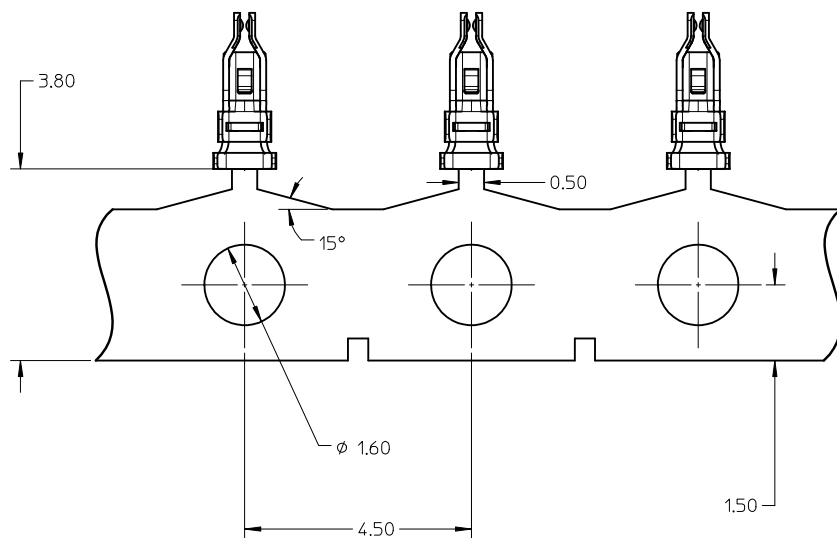
E

D

C

B

A



CUSTOMER PULL OUT DIRECTION

REVISED EC NO: J2010-0783 DRWN: CWLAM CHKD: LSLEE APPR: NUKITA	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					MM ONLY		NTS	METRIC			
					DRAWN BY	DATE	TITLE 1.20MM PITCH, W-T-B 1.40MM HEIGHT RECEPTACLE CONNECTOR				
					CWLAM	2007/11/05					
					CHECKED BY	DATE	MOLEX INCORPORATED				
					KSSHANTHA	2007/12/07					
					APPROVED BY	DATE	DOCUMENT NO. SD-78172-008				
					NAGESGKN	2007/12/14					
		ANGULAR ± 1 °		MATERIAL NO.		SHEET NO. 2 OF 2					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				SIZE A3							

9 8 7 6 5 4 3 2 1



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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