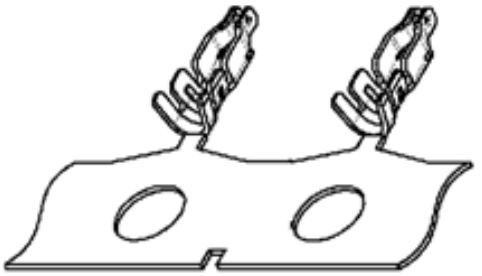
This document was generated on 06/08/2010

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

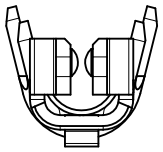
Use With
78172 Crimp Receptacle Housings

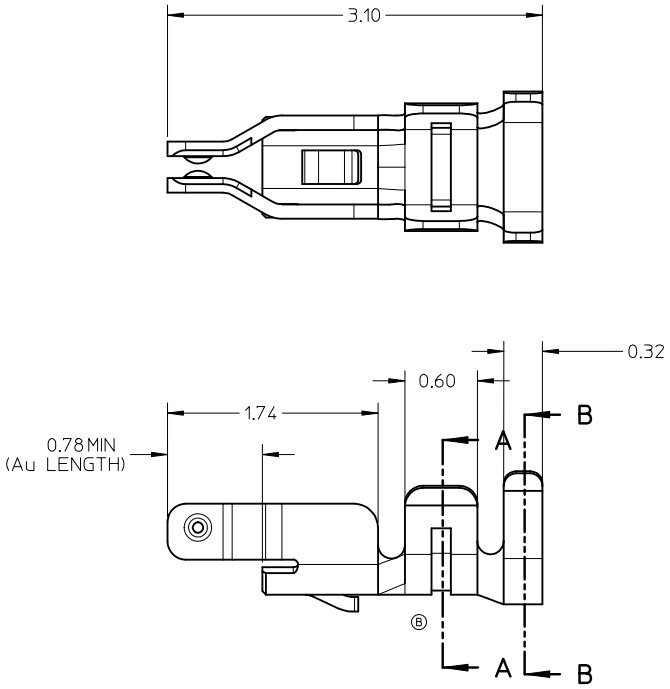
Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

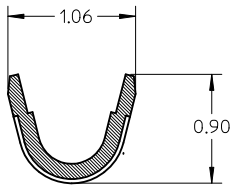
Description	Product #
FineAdjust™ Applicator for 1.20mm (.047") Pico-EZMate™ Wire-to-Board Terminals	0639011300
T2 Terminator for 1.20mm (.047") Pico-	0639111300

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

PART NUMBER
78172-0410 (REEL FORM)

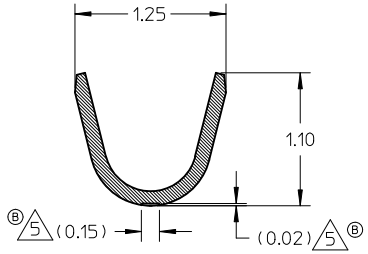






SECTION A-A

(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
5. Ⓑ OPTIONAL TOOL MARK FOR TOOL RECOGNITION PURPOSE

REVISED			
EC NO: J2010-0783	DRWN:CWLAM	CH'KD:LSLEE	APPR:NUKITA
2009/11/12	2009/12/11	2009/12/14	DESCRIPTION
B			REV

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	SCALE	DESIGN UNITS	
MM ONLY	NTS	METRIC	THIRD ANGLE PROJECTION

DRAWN BY	DATE
CWLAM	2007/11/05
CHECKED BY	DATE
KSSHANTHA	2007/12/07
APPROVED BY	DATE
NAGESGKN	2007/12/14

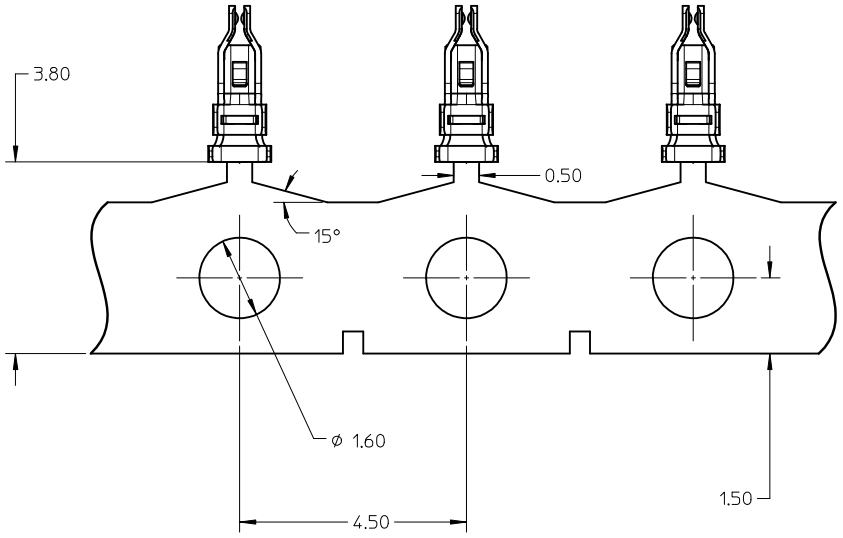
TITLE: 1.20MM PITCH, W-T-B 1.40MM HEIGHT RECEPTACLE CONNECTOR

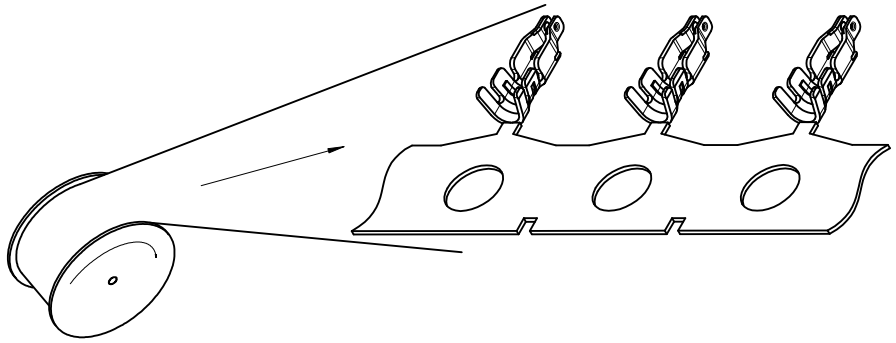
molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-78172-008	1 OF 2

SIZE A3

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CUSTOMER PULL OUT DIRECTION

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

DESCRIPTION | REV

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	SCALE: NTS	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: CWLAM	DATE: 2007/11/05		
CHECKED BY: KSSHANTHA	DATE: 2007/12/07		
APPROVED BY: NAGESGKN	DATE: 2007/12/14		
MATERIAL NO.: SEE TABLE			

TITLE: 1.20MM PITCH, W-T-B 1.40MM HEIGHT RECEPTACLE CONNECTOR

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-78172-008 | SHEET NO.: 2 OF 2

SIZE: A3

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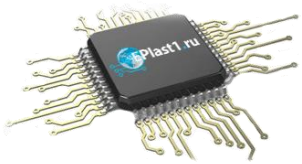
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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.);

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- 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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Факс: 8 (812) 320-02-42
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