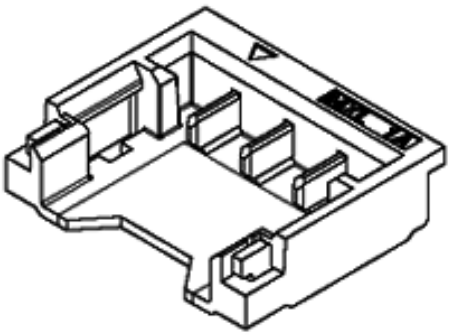
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0781715006
Status: Active
Overview: picoezmate
Description: 1.20mm (.047") Pitch Pico-EZmate™ Wire-to-Board Header, Vertical, Housing Height: 1.65mm (.065"), with side-Friction Locks, 6 Circuits, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-78172-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	78171
Application	Wire-to-Board
Overview	picoezmate
Product Name	Pico-EZmate™

Physical

Breakaway	No
Circuits (Loaded)	6
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height (in)	0.065 In
Mated Height (mm)	1.65 mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.047 In
Pitch - Mating Interface (mm)	1.20 mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-78171-001
Product Specification	PS-78172-001
Sales Drawing	SD-78171-001, SD-78171-002

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

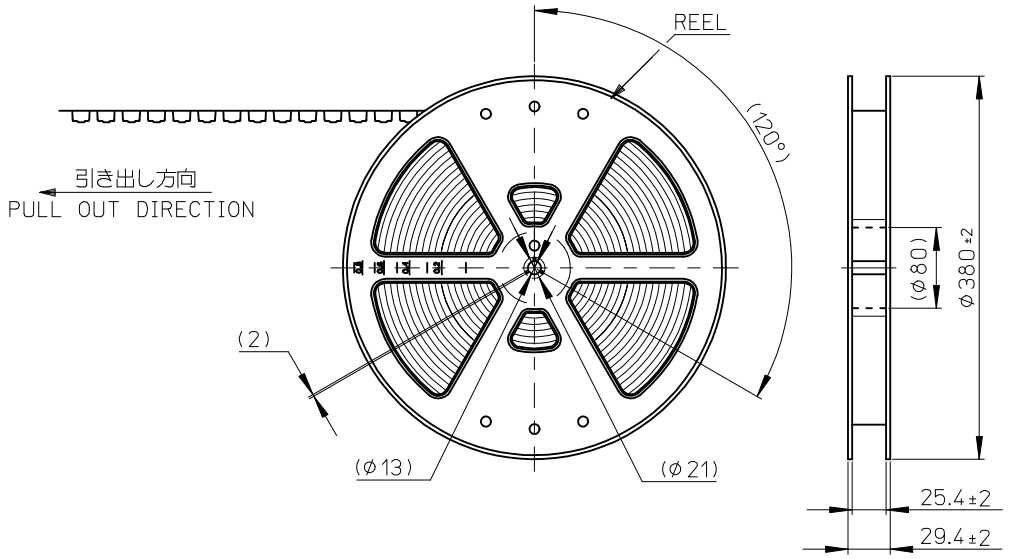
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
78171Series

Mates With
78172 Crimp Housing&Terminal

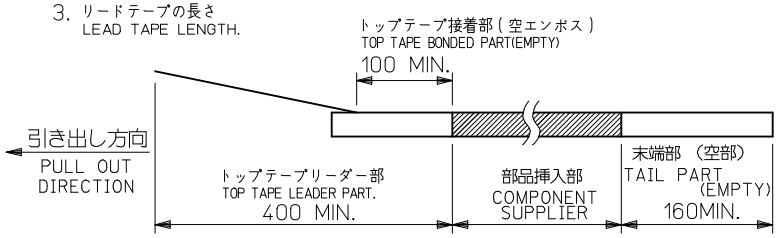
This document was generated on 06/07/2010

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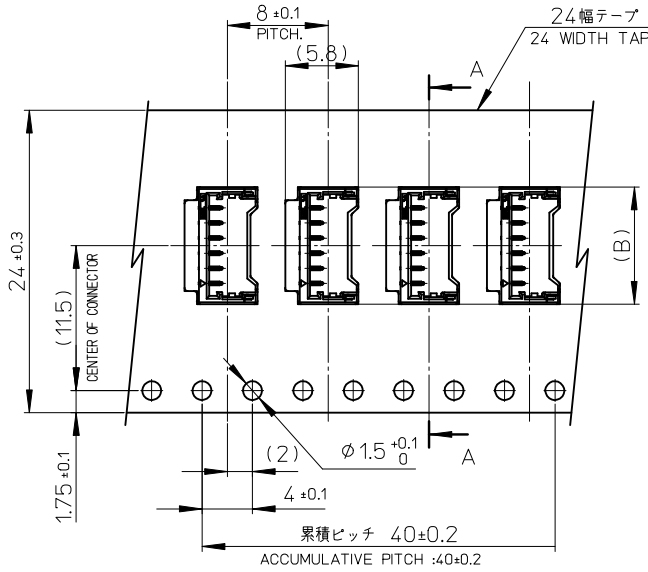


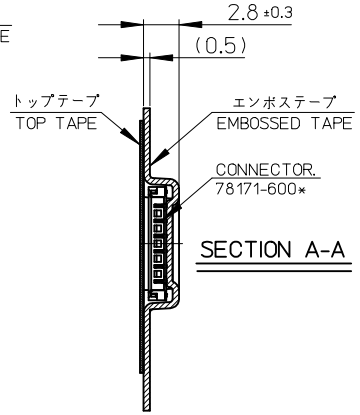
NOTES

1. 製品詳細につきましては、 SD-78171-002 を参照下さい。
   RE DETAILED DIMENSION, SEE SD-78171-002.
2. 梱包数量：4,500 個/リール
   NUMBER OF CONNECTORS:4,500PCS/REEL.
3. リードテープの長さ
   LEAD TAPE LENGTH.



4. 材料 (MATERIAL)
   キャリアテープ (CARRIER TAPE) ：ポリスチレン (POLYSTYRENE)
   トップテープ (TOP TAPE) :PET,PE,PEF
   リール (REEL) ：ポリスチレン (POLYSTYRENE) ＜リサイクル材を含む＞
   <RECYCLE MATERIAL CONTAINED.>
5. 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"
6. ELV及びRoHS適合品
   ELV AND RoHS COMPLYANT.





YES	9.3	78171-6006	78171-5006	6	78171-500*
ANTI-WICKING	B	CONNECTOR	MATERIAL NO.	CKT.	MODEL NO.

REVISED
EC NO: J2009-2236 2009/05/04
DRWN:CWLAM 2009/05/11
CHKD:LSLEE
APPR:NUKITA 2009/05/12
DESCRIPTION
REV

A2

GENERAL TOLERANCES (UNLESS SPECIFIED)

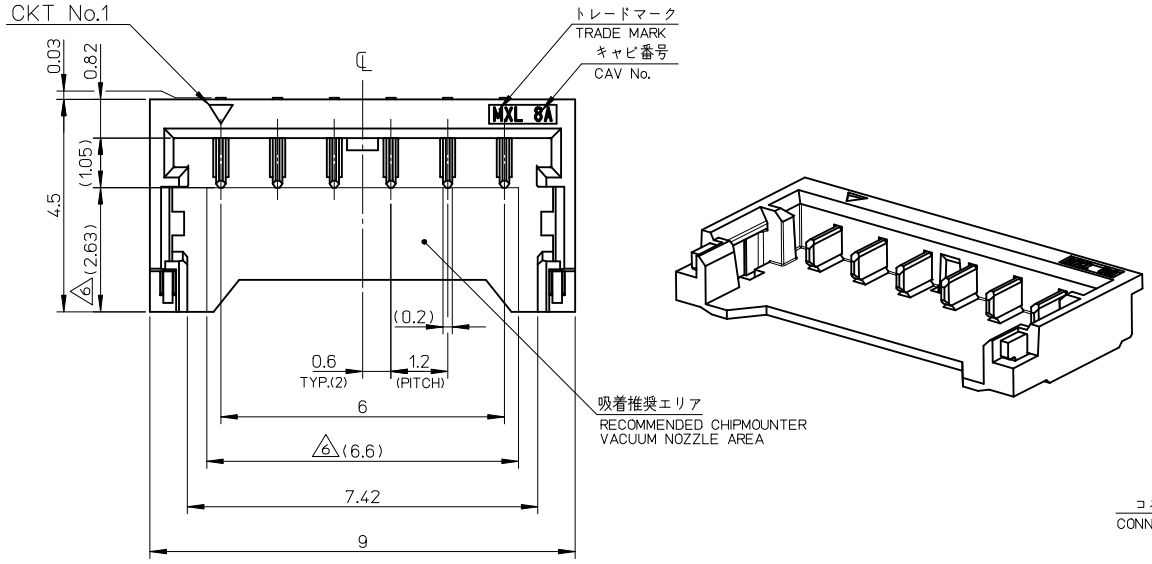
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY		SCALE	DESIGN UNITS: METRIC
DRAWN BY: T.ODA	DATE: '08/11/07	THIRD ANGLE PROJECTION	
CHECKED BY: SA.SATO	DATE: '08/11/07	TITLE: EMBOSSED TAPE PKG FOR 78171	
APPROVED BY: S.ICHIKAWA	DATE: '08/11/07	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-78171-001	SHEET NO.: 1 OF 1

SIZE A3

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注記： NOTES.

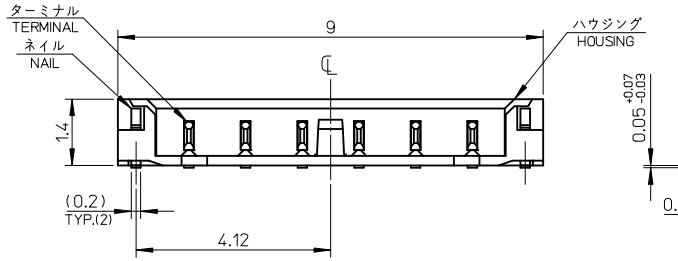
1. 材質 MATERIALS ハウジング： PA46, UL94V-2色：黒
   HOUSING: PA46, UL94V-2, COLOUR:BLACK
   ターミナル：銅合金
   TERMINAL: COPPER ALLOY
   ネイル：銅合金
   FITTING NAIL: COPPER ALLOY
2. メッキ仕様 FINISHES ターミナル：金メッキ0.1μmMIN. ニッケル下地メッキ 1.0μm MIN
   TERMINAL:GOLD 0.1μmMIN. WITH 1.0μm MIN NICKEL UNDERPLATE OVERALL
   ネイル：錫メッキ 1.5 μm MIN ニッケル下地メッキ1.0 μm MIN
   FITTING NAIL:1.5μm MIN TIN WITH 1.0μm MIN NICKEL UNDERPLATE OVERALL
3. 嵌合相手： MATING WITH: 78172-5006 (極数 No. / CIRCUIT No.)
4. 梱包形態： エンボスリール梱包（詳細はSD-78171-001 を参照願います）
   PACKAGING SPECIFICATION:EMBOSSED TAPE(REFER TO SD-78171-001)

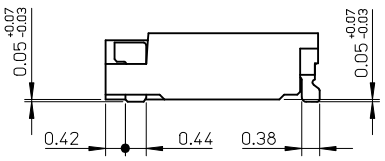
△5 製品番号は右記の内容を示す：78171-6006
PRODUCT NUMBER INDICATES FOLLOWING (極数 No. / CIRCUIT No.)

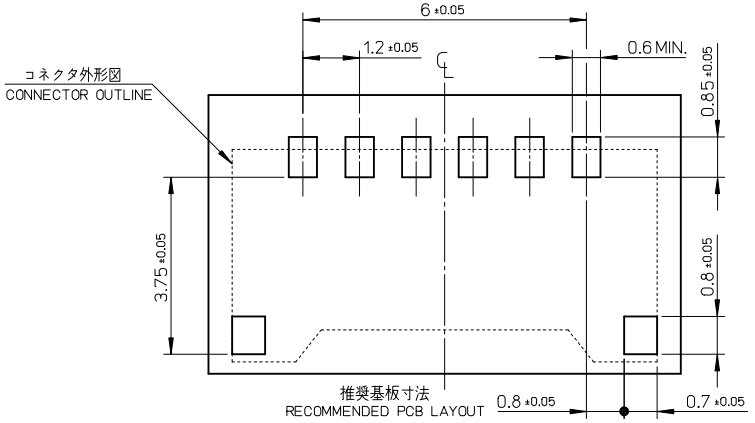
△6 吸着推奨エリアを示す
SHOWS VACUUM NOZZLE AREA.

7. ソルダーテールとネイルの平坦度：0.10 mm MAX
   SOLDER TAIL AND FITTING NAIL COPLANARITY 0.1mm MAX.
8. ELV及びRoHS適合品
   ELV AND RoHS COMPLYANT.
9. 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"

Ⓐ1 10. APPLY ANTI-WICKING SOLUTION ON HOUSING BEFORE TERMINAL ASSEMBLY







Ⓐ1 YES	78171-5006	78171-6006	78171-600*
	PACKING FORM : EMBOSSED TAPE		
ANTI-WICKING	ORDER No.	MATERIAL NO.	MODEL NO.

REVISED
EC NO: J2009-2157 2009/04/02
DRWN:CWLAM 2009/04/03
CHKD:LSLEE 2009/04/03
APPR:NUKITA 2009/04/03
DESCRIPTION
REV
A1

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: T.ODA	DATE: 08/06/20	TITLE: 1.2W/B CONN. HDR ASS'Y 6CKT	
CHECKED BY: SA.SATO	DATE: 08/06/20		
APPROVED BY: S.ICHIKAWA	DATE: 08/06/20	MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-78171-002	SHEET NO.: 1 OF 1

SIZE A3

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- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование
- Работаем по 275 ФЗ

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Email: n@nsistems.ru

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ОГРН: 1167746717709