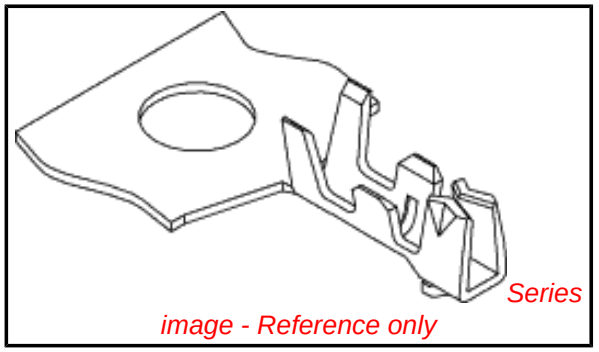
This document was generated on 05/19/2010

# PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0500798000
**Status:** Active
**Overview:** picoblade
**Description:** 1.25mm (.049") Pitch PicoBlade™ Crimp Terminal, 26-28 AWG, Reel



*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification PS-51021-001 (PDF)
Product Specification PS-51021-002 (PDF)
Product Specification PS-51021-009 (PDF)
Product Specification PS-51021-010 (PDF)
Product Specification PS-51021-011 (PDF)
Product Specification PS-51021-022 (PDF)
Product Specification PS-51021-023 (PDF)
Product Specification PS-51021-025 (PDF)
Product Specification PS-51021-026 (PDF)
Product Specification PS-51021-027 (PDF)
Product Specification PS-51021-028 (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Crimp Terminals |
| Series | 50079 |
| Crimp Quality Equipment | Yes |
| Overview | picoblade |
| Product Name | PicoBlade™ |

## Physical

| | |
|---|---|
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Packaging Type | Reel |
| Plating min: Mating (µin) | 36 |
| Plating min: Mating (µm) | 0.90 |
| Plating min: Termination (µin) | 36 |
| Plating min: Termination (µm) | 0.90 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 0.50-1.04mm (.020-.041") |
| Wire Size AWG | 26, 28 |
| Wire Size mm² | N/A |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | SPK-50079-001 |
| Product Specification | PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-025, PS-51021-026, PS-51021-027, PS-51021-028, RPS-501576-001, RPS-51021-001, RPS-51021-002, RPS-51021-003, RPS-51021-004, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-010, RPS-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-015, RPS-51021-016, RPS-51021-017, RPS-51021-018, RPS-51021-021, RPS-51021-023, RPS-51021-024, RPS-51021-025, RPS-51021-026, RPS-51021-027, RPS-51021-028, RPS-51021-029, RPS-51021-030, RPS-51021-031, RPS-51021-032, RPS-51021-033, RPS-51021-034, RPS-51021-037, RPS-51021-038, RPS-51021-039, RPS-51021-040, RPS-51021-041, RPS-51021-043, RPS-51021-044, RPS-51021-045, |

**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**
50079Series

**Mates With**
50125 Crimp Terminal, 50133 Crimp Terminal

**Use With**
51021 Crimp Housing

**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 # |
|---|---|
| Hand Crimp Tool for Series 50058 and 50079 Terminals on Metal Strip | 0638110000 |
| Hand Crimp Tool for 1.25mm (.049") Pitch PicoBlade™ Crimp | 0638190300 |

| | | |
|---|---|---|
| | RPS-51021-046, RPS-51021-047, RPS-51021-048, RPS-51021-050, RPS-51021-051, RPS-51021-052, RPS-51021-053, RPS-51021-054, RPS-51021-055, RPS-51021-056, RPS-51021-057, RPS-51021-058, RPS-51021-059, RPS-51021-060, RPS-51021-061, RPS-51021-062, RPS-51021-063, RPS-51021-064, RPS-51021-065, RPS-51021-066, RPS-51021-067, RPS-51021-068, RPS-51021-071, RPS-51021-072, RPS-51021-073, RPS-51021-074, RPS-51021-076, RPS-51021-077, RPS-51021-078, RPS-51021-079, RPS-51021-083, RPS-51021-084, RPS-51021-085, RPS-51021-086, RPS-51021-089, RPS-51021-091, RPS-51021-092, RPS-51021-096, RPS-51021-097, RPS-51021-101, RPS-53398-002, RPS-53398-037, RPS-53398-038 |
| Sales Drawing | SD-50079-001, SD-51021-002 |

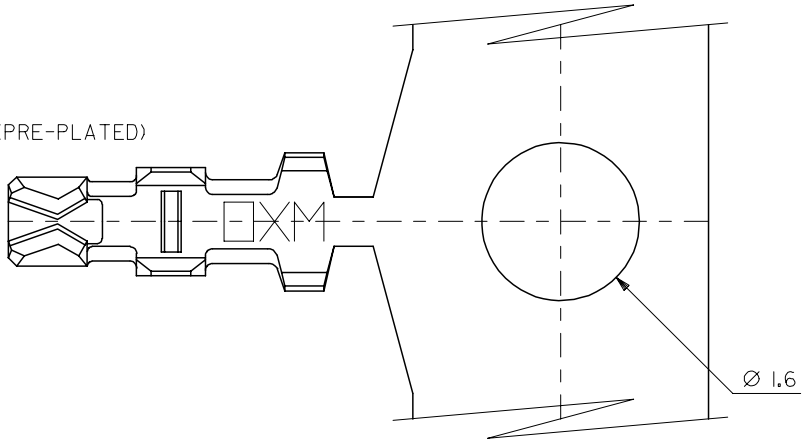
| | |
|---|---|
| Terminals, 26-32 AWG | |
| Hand Crimp Tool for 1.25mm (.049") Pitch PicoBlade™ Crimp Terminals, 26-32 AWG | 0638190400 |
| FineAdjust™ 1.25mm (.049") Pitch Crim Terminal, 28-32 AWG | 0639003700 |
| T2 Terminator Tooling Die | 0639103700 |
| Extraction Tool | 0011030043 |

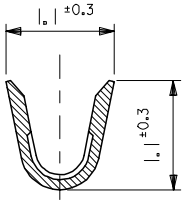
**Japan**

| **Description** | **Product #** |
|---|---|
| Applicator for M211A Bench Press, 26-32 AWG, for 50058 and 50079 Crimp Terminal | 0570673000 |
| Side-Feed Applicator For Full-Auto Machine | 0570673200 |
| Extraction Tool | 0570726000 |

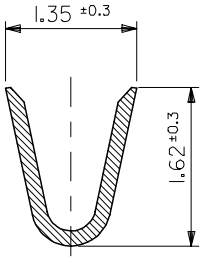
注記
NOTES

1. 適合ハウジング：51021シリーズ
   APPLICABLE HOUSING : 51021 SERIES
2. メッキ仕様　PLATING
   錫 0.9μm MIN. リフロー処理（前メッキ）
   TIN 0.9μm MIN. REFLOW TREATMENT (PRE-PLATED)

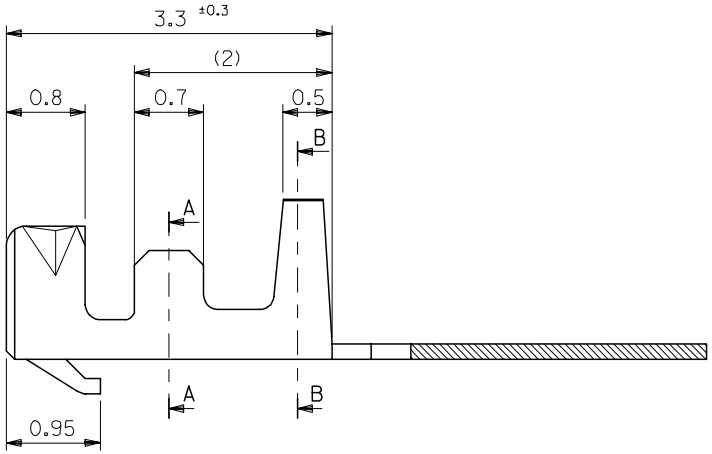


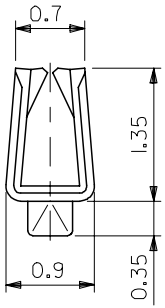




SECT. A-A




SECT. B-B




| | |
|---|---|
| 50079-8100 | バラ状 LOOSE |
| 50079-8000 | 連鎖状 CHAIN |
| MATERIAL NO. | 端子形状 FORM |

MODEL NO. 50079-8*00

| | | |
|---|---|---|
| 材料 MATERIAL | リン青銅 (t=0.15) PHOSPHOR BRONZE | |
| 仕上げ FINISH | — | |
| 適用電線範囲 WIRE RANGE | AWG #26-28 | |
| 被覆外径 INS. RANGE | ø0.5-1.04 | |

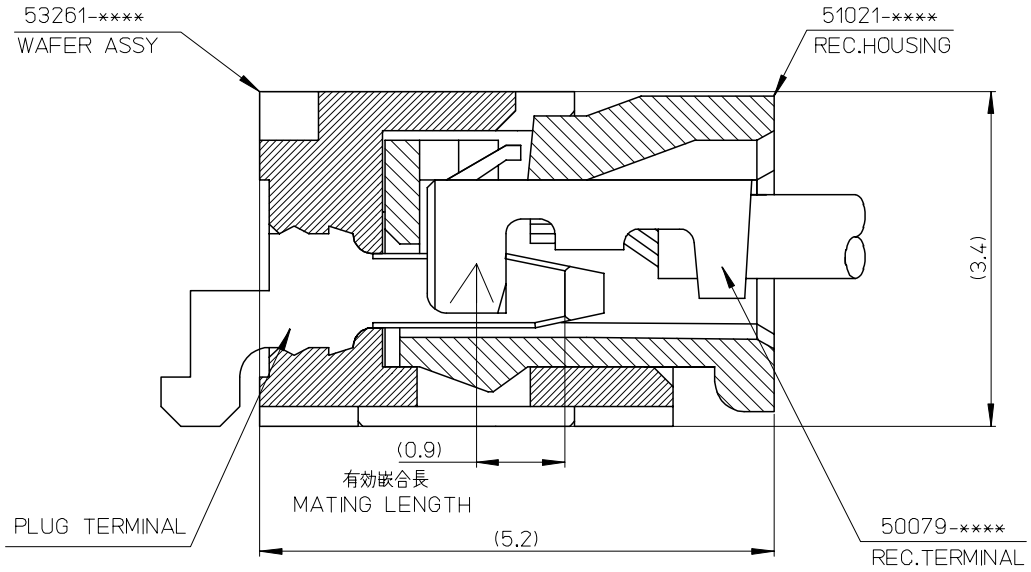
| REVISED | | | | REV |
|---|---|---|---|---|
| EC NO: J2005-1535 | DRWN:ESUZUKI | CH'KD:KTOJO | APPR:NUKITA | DESCRIPTION |
| G | 2004/11/30 | 2004/11/30 | 2004/12/06 | |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---|---|
| 10 UNDER | ±0.2 |
| 10 OVER 30 UNDER | ±0.25 |
| 30 OVER | ±0.3 |
| ANGULAR ±3 ° | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| | |
|---|---|
| DIMENSION STYLE | MM ONLY |
| SCALE | 20:1 |
| DESIGN UNITS | METRIC |
| | THIRD ANGLE PROJECTION |
| DRAWN BY / DATE | HHIRAMOT 92/10/21 |
| CHECKED BY / DATE | SKUNISHI 98/07/07 |
| APPROVED BY / DATE | MFUKUSHI 98/07/07 |
| MATERIAL NO. | SEE CHART |
| TITLE | 1.25 WIRE TO BOARD CONN. CRIMP REC.TERMINAL -LEAD FREE- |
| | MOLEX INCORPORATED |
| DOCUMENT NO. | SD-50079-001 |
| SHEET NO. | 1 OF 1 |
| SIZE | A3 |

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| MODEL NO./MATERIAL NO. | | | |
|---|---|---|---|
| 53261-×××× | WAFER ASSY | | |
| 50079-×××× | TERMINAL | REC. | |
| 51021-×××× | HOUSING | | |

RELEASED
EC NO: J2006-2426
DRWN:YAOYAGI 2006/02/02
CHKD:YMAEDA 2006/02/03
APPR:NUKITA 2006/02/07

| REV | DESCRIPTION |
|---|---|
| 0 | |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| 10 UNDER | ±--- |
| 10 OVER 30 UNDER | ±--- |
| 30 OVER | ±--- |
| ANGULAR | ±--- ° |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| DIMENSION STYLE | SCALE | DESIGN UNITS | |
|---|---|---|---|
| MM ONLY | --- | METRIC | THIRD ANGLE PROJECTION |

| DRAWN BY | DATE |
|---|---|
| Y.AOYAGI | 2006/01/30 |
| CHECKED BY | DATE |
| Y.MAEDA | 2006/01/30 |
| APPROVED BY | DATE |
| N.UKITA | 2006/01/30 |

TITLE
1.25 W-TO-B CONN.
51021,53261
MATING CROSS SECTION

molex MOLEX INCORPORATED

| MATERIAL NO. | DOCUMENT NO. | SHEET NO. |
|---|---|---|
| SEE CHART | SD-51021-002 | 1 OF 1 |

SIZE A3

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Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

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