

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0500798100

Status:

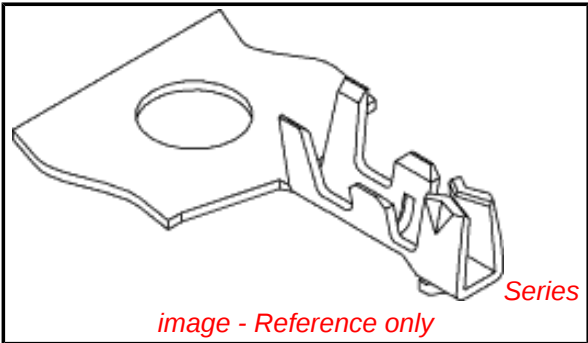
Active

Overview:

[picoblade](#)

Description:

1.25mm (.049") Pitch PicoBlade™ Crimp Terminal, 26-28 AWG, Bag



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

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

50079

Yes

[picoblade](#)

PicoBlade™

Physical

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Packaging Type

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

Female

Phosphor Bronze

Tin

Tin

Bag

36

0.90

36

0.90

Crimp or Compression

0.50-1.04mm (.020-.041")

26, 28

N/A

Material Info

Reference - Drawing Numbers

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-51021-037, RPS-51021-038, RPS-51021-039, RPS-51021-040, RPS-51021-041, RPS-51021-043, RPS-51021-044, RPS-51021-045, RPS-51021-046, RPS-51021-047, RPS-51021-048, RPS-51021-050,

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 1.25mm (.049") Pitch PicoBlade™ Crimp Terminals, 26-32 AWG	0638190300
Hand Crimp Tool for 1.25mm (.049") Pitch	0638190400

Sales Drawing

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-51021-081,
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
SD-50079-001, SD-51021-002

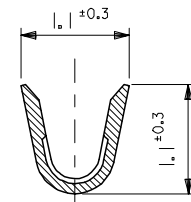
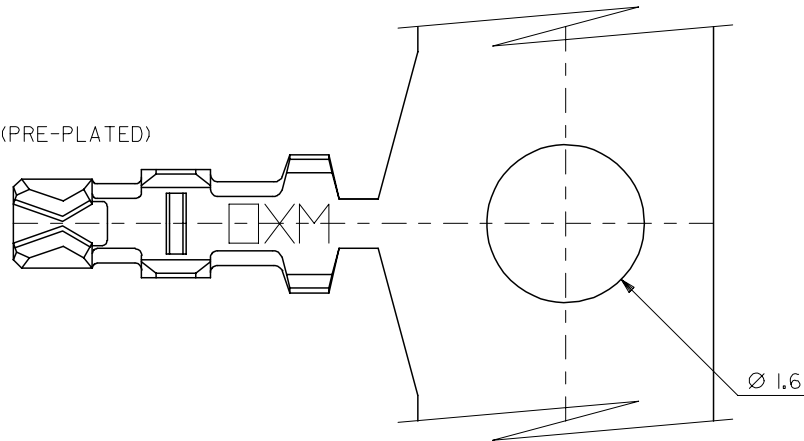
PicoBlade™ Crimp Terminals, 26-32 AWG	
Extraction Tool	<u>0011030043</u>
Japan	
Description	Product #
Extraction Tool	<u>0570726000</u>
Hand Crimp Tool	<u>0571775000</u>

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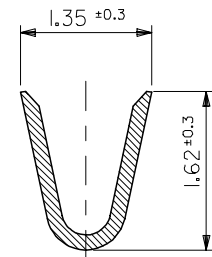
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注記
NOTES

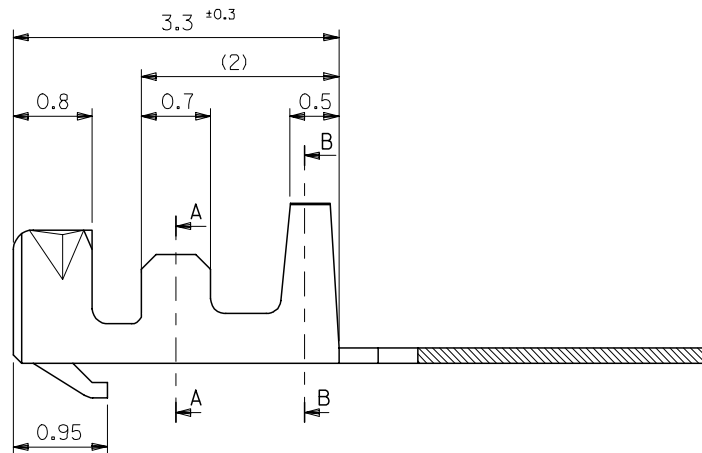
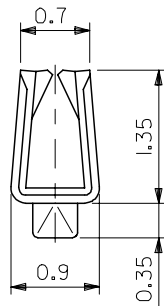
1. 適合ハウジング: 51021シリーズ
APPLICABLE HOUSING: 51021 SERIES
2. メッキ仕様 PLATING
錫 0.9 μ m MIN. リフロー処理 (前メッキ)
TIN 0.9 μ m MIN. REFLOW TREATMENT (PRE-PLATED)



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	φ0.5-1.04

REVISED EC NO: J2005-1535 DRAWN: SUZUKI CHKD: KATO APPR: NUKITA	2004/11/30 2004/11/30 2004/12/06	DESCRIPTION REV
G		

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

DRAWN BY HHIRAMOT	DATE 92/10/21
CHECKED BY SKUNISHI	DATE 98/07/07
APPROVED BY MFUKUSHI	DATE 98/07/07

MATERIAL NO.

SIZE
A3

SCALE
20:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

1.25 WIRE TO BOARD CONN.
CRIMP REC. TERMINAL
-LEAD FREE-

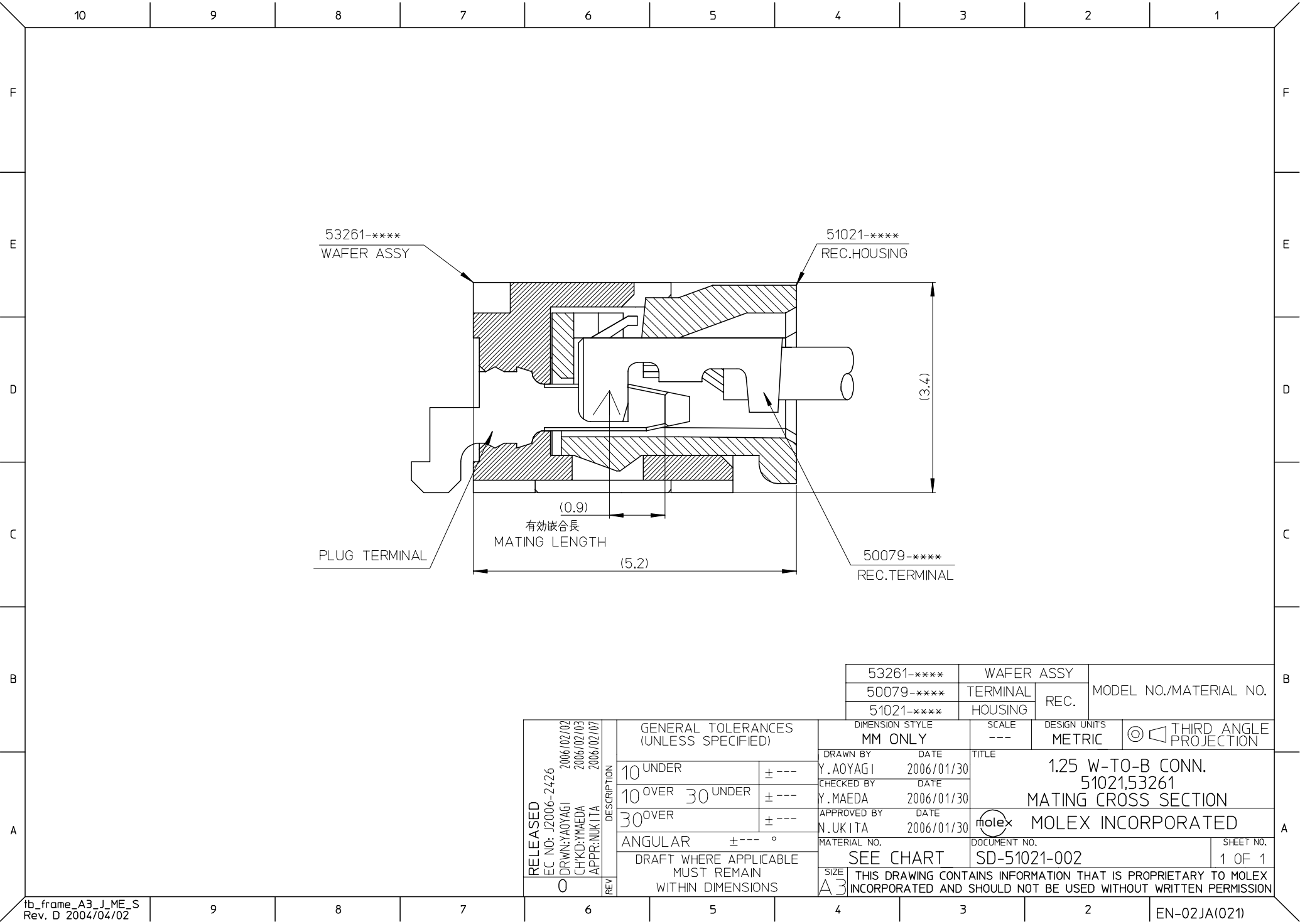
MOLEX INCORPORATED

SEE CHART

DOCUMENT NO.
SD-50079-001

SHEET NO.
1 OF 1

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



53261-****	WAFER ASSY	MODEL NO./MATERIAL NO.
50079-****	TERMINAL	
51021-****	HOUSING	

RELEASED EC NO: J2006-2426 DRWN:YAOYAGI 2006/02/02 CHKD:YMAEDA 2006/02/03 APPR:NUKITA 2006/02/07 REV 0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	Y.AOYAGI	2006/01/30	TITLE 1.25 W-TO-B CONN. 51021,53261 MATING CROSS SECTION				
		10 OVER 30 UNDER	± ---	Y.MAEDA	2006/01/30					
		30 OVER	± ---	N.UKITA	2006/01/30	MOLEX INCORPORATED				
		ANGULAR ±--- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-51021-002		1 OF 1		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								