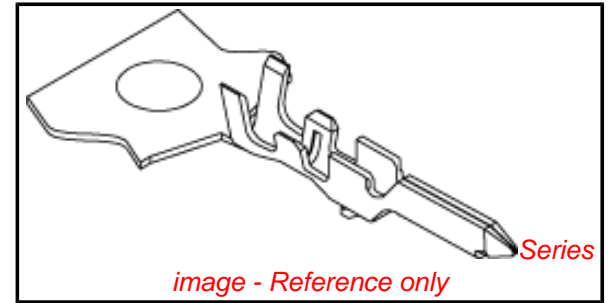


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0501338000**
Status: **Active**
Overview: picoblade
Description: 1.25mm (.049") Pitch PicoBlade™ Crimp Terminal, Male, 28-32 AWG, Reel

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51021-009 \(PDF\)](#)



General

Product Family	Crimp Terminals
Series	<u>50133</u>
Crimp Quality Equipment	Yes
Overview	<u>picoblade</u>
Product Name	PicoBlade™

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Packaging Type	Reel
Plating min: Mating (µin)	35
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	0.50-1.00mm (.020-.039")
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	0.8A, 1A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51021-009, RPS-51021-033
Sales Drawing	SD-50133-8*00

EU RoHS

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

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

50133Series

Mates With

50058 Crimp Terminal, 50079 Crimp Terminal

Use With

51047 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	<u>0638190400</u>
FineAdjust™ Applicator for 1.25mm (.049") Pitch	<u>0639004200</u>

Board In, Wire-to-
Board and Wire-to-
Wire Terminal, 26-32
AWG

T2 Terminator 0639104200

Tooling Die

Extraction Tool 0011030043

Japan

Description **Product #**

Extraction Tool 0570726000

Applicator for M211A 0571383000

Bench Press, 26-32

AWG, for 50125

and 50133 Crimp

Terminal

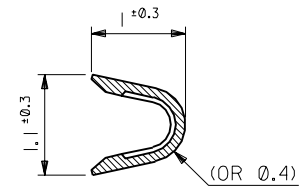
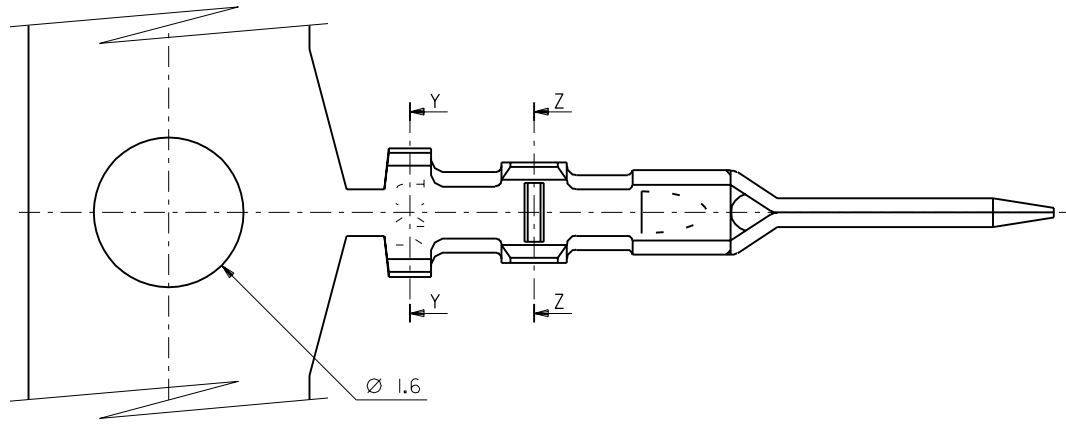
Side-Feed Applicator 0571383200

For Full-Auto

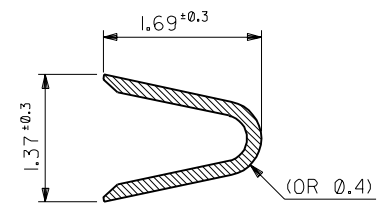
Machine

This document was generated on 05/19/2010

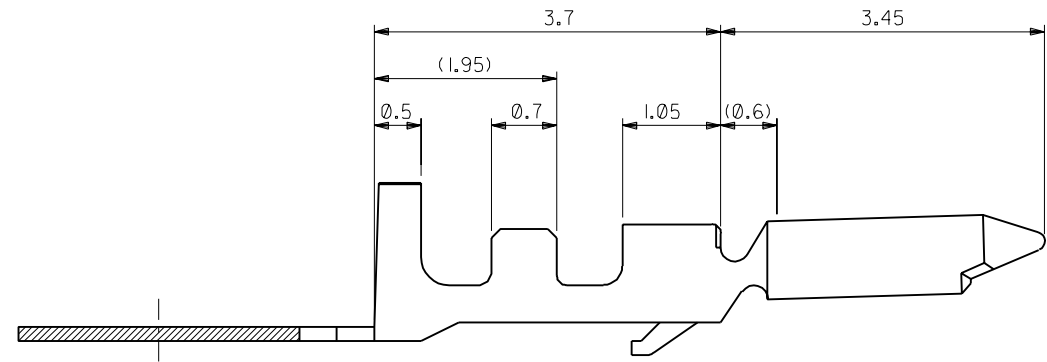
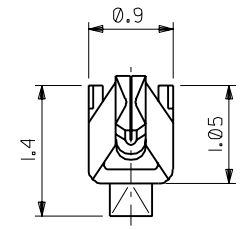
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



SECT. Z-Z



SECT. Y-Y



50133-8100	バラ状 LOOSE
50133-8000	連鎖状 CHAIN
ENG. NO.	端子形状 FORM

注記
NOTES

- 適合ハウジング：51047シリーズ
APPLICABLE HOUSING：51047 SERIES
- 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)

角度 ANGLE		±3°					材料 MATERIAL	リン青銅 PHOSPHOR BRONZE (t=0.15)
30以上 OVER		+0.3					仕上げ FINISH	— —
10以上 30未満 OVER UNDER		+0.25	D	変更 REVISED	(J30883)	H.H. M.F.	適用電線範囲 WIRE RANGE	AWG #28-32
10未満 UNDER		+0.2	C	変更&再作図 REVISED & REDRAWN	(J20810)	H.H. M.F.	被覆外径 INS. RANGE	φ 0.5-1.0
一般公差 GENERAL TOLERANCES			記号 LTR	変更内容 REVISION RECORD		DR. CHK.	日付 DATE	
							DRAWN BY '92/10/27	CHK'D BY '93/9/6
							H.HIRAMOTO	M.FUKUSHIMA
							APP'D BY '93/9/6	尺度 20 - 1
							M.FUKUSHIMA	

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
REVISE ONLY ON CAD SYSTEM	
TITLE 名称 I.25 WIRE TO WIRE CONN. CRIMP PLUG TERMINAL	
DWG. NO.	REV
SD-50133-8*00	D