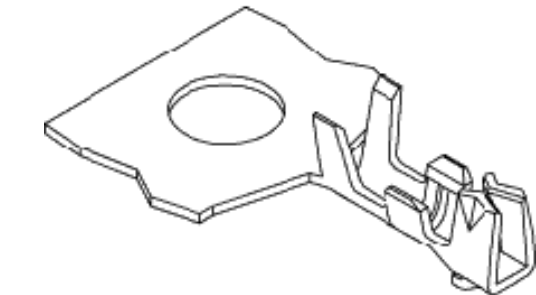


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0500588000
Status: Active
Overview: PicoBlade Connector System
Description: 1.25mm Pitch PicoBlade Crimp Terminal, Female, 28-32 AWG, Reel



Series image - Reference only

Documents:

- 3D Model
Drawing (PDF)
Product Specification PS-51021-001-001 (PDF)
Product Specification PS-51021-002-001 (PDF)
Product Specification PS-51021-009-001 (PDF)
Product Specification PS-51021-010-001 (PDF)
Product Specification PS-51021-011-001 (PDF)
Product Specification PS-51021-022-001 (PDF)
- Product Specification PS-51021-023-001 (PDF)
Product Specification PS-51021-024-001 (PDF)
Product Specification PS-51021-026-001 (PDF)
Product Specification PS-51021-027-001 (PDF)
Product Specification PS-51021-032-001 (PDF)
Packaging Specification 500589200SPK-200 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	50058
Application	Signal
Crimp Quality Equipment	Yes
Current Derating Order No	987651-3691
Current Released Drawing	E-50058-002
Current Released Revision	R
Made From	0648930348A, 0679990018
Overview	PicoBlade Connector System
Packaging Alternative	50058-8100 (Loose)
Product Name	PicoBlade
UPC	800753576315

Physical

Durability (mating cycles max)	30
Gender	Female
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	12.600/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	0.50-1.00mm
Wire Size AWG	28, 30, 32
Wire Size mm²	N/A

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Crimp Specification	500580000-CS-000
Packaging Specification	500589200SPK-200
Product Specification	PS-51021-001-001, PS-51021-002-001, PS-51021-009-001, PS-51021-010-001, PS-51021-011-001, PS-51021-022-001, PS-51021-023-001, PS-51021-024-001,

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

50058 Series

Mates With

50125 Crimp Terminal 26-28 AWG, 50133
Crimp Terminal 28-32 AWG

Use With

51021 PicoBlade Wire-to-Wire and Wire-to-
Board Housing

This document was generated on 02/28/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION