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Part Number: **0508028000**
Status: **Active**
Overview: Mini-Latch Wire-to-Board / Wire-to-Wire Connector System
Description: 2.50mm Pitch Mini-Latch Crimp Terminal, Female, Phosphor Bronze, Reel

Documents:

| | |
|---|--|
| 3D Model | Product Specification PS-51191-003-001 (PDF) |
| Drawing (PDF) | Application Specification 511910000-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification SPK-50802-001-001 (PDF) |
| Product Specification 2055050000-PS-000 (PDF) | Packaging Specification SPK-50802-001-002 (PDF) |
| Product Specification 511910000-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |



General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 50802 |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Crimp Quality Equipment | Yes |
| Overview | <u>Mini-Latch Wire-to-Board / Wire-to-Wire Connector System</u> |
| Packaging Alternative | 508028100 (Loose) |
| Product Name | Mini-Latch |
| Taxonomy | Crimp Terminals |
| UPC | 800753370579 |

Physical

| | |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30 |
| Gender | Female |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 57.000/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.889µm |
| Plating min - Termination | 0.914µm |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter | 1.15-1.90mm |
| Wire Size AWG | 22, 24, 26, 28 |
| Wire Size mm ² | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
|-------------------------------|------|

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---|
| Application Specification | 511910000-AS-000 |
| Packaging Specification | SPK-50802-001-001, SPK-50802-001-002 |
| Product Specification | 2055050000-PS-000, 511910000-PS-000, PS-51191-003-001 |
| Sales Drawing | CS-50802-001, CS-50802-002, SD-50802-002-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

50802 Series

Use With

51191

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 #

| | |
|---|---------------------------|
| Extraction and Activation Tool | 638132700 |
| Hand Crimp Tool for 2.50mm Pitch SPOX Crimp Terminal, 22-28 AWG | 638281900 |
| FineAdjust Applicator for Wire-to-Board and Wire-to-Wire Terminal, 22-28 AWG Wire | 639004600 |

| | |
|------------------------------|------------------|
| T2 Terminator Tooling Die | <u>639104600</u> |
|------------------------------|------------------|

Japan

| Description | Product # |
|--------------------|------------------|
|--------------------|------------------|

| | |
|---|-------------------|
| S-1 Applicator for Mini-Latch Terminals, 22-28 AWG | <u>2030913700</u> |
|---|-------------------|

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