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**Part Number :** [08701031](#)

**Product Description :** SPOX Crimp Terminal, 24-18 AWG, Brass, Reel

**Series Number :** 5194

**Status :** Active

**Product Category :** Crimp Terminals

**Engineering Part Number :** 5194T

**Packaging Alternative :** [08701030](#) (Bag)



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## Documents and Resources

### Drawings

[008701031\\_sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[51949200-200.pdf](#)

[PS-5096-003-001.pdf](#)

[PS-5195-001-001.pdf](#)

[PS-5195-002-001.pdf](#)

[PS-5195-005-001.pdf](#)

[PS-5195-009-001.pdf](#)

[PS-5195-010-001.pdf](#)

[PS-5195-011-001.pdf](#)

[PS-5196-001-001.pdf](#)

[PS-5196-004-001.pdf](#)

[PS-5196-005-001.pdf](#)

[PS-5196-006-001.pdf](#)

[PS-5197-001-001.pdf](#)

[PS-5197-003-001.pdf](#)

[PS-5197-004-001.pdf](#)

[PS-5273-003-001.pdf](#)

[PS-5273-004-001.pdf](#)

## Tooling Specifications


[CS-5194-001.pdf](#)

[CS-5194\(S\)-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Compliant with Exemption 44   |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2025)7771-DC (04 Feb 2026)  |
| EU RoHS            | Compliant per EU 2015/863   |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

|             |                            |
|-------------|----------------------------|
| Status      | Active                     |
| Category    | Crimp Terminals            |
| Series      | 5194                       |
| Description | SPOX Crimp Terminal, 24-18 |

|              |                  |
|--------------|------------------|
|              | AWG, Brass, Reel |
| Application  | Signal           |
| Product Name | SPOX             |
| UPC          | 800753534896     |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 7.0A |
|-------------------------------|------|

### Physical

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female               |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Tin                  |
| Material - Plating Termination | Tin                  |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.889µm              |
| Plating min - Termination      | 0.889µm              |
| Termination Interface Style    | Crimp or Compression |
| Wire Insulation Diameter       | 1.30-3.20mm          |
| Wire Size (AWG)                | 18, 20, 22, 24       |
| Wire Size mm <sup>2</sup>      | N/A                  |

### Mates With / Use With

#### Use with Part(s)

| Description                                      | Part Number |
|--|-------------|
| SPOX 3.96mm Pitch Single Row Receptacle Housings | <u>5195</u> |
| SPOX 5.08mm Pitch Single Row Receptacle Housings | <u>5197</u> |
| SPOX 5.08mm Pitch Single Row Receptacle Housings | <u>5198</u> |

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### Application Tooling

### Global

| Description  | Part Number      |
|--|------------------|
| PremiumGrade Hand Crimp Tool for SPOX Terminals, 24-18 AWG                                   | <u>638116500</u> |
| Extraction and Activation Tool   | <u>638132700</u> |
| FineAdjust Applicator for SPOX Crimp Terminal, Insulation Diameter OD 1.70-2.10mm, 24-18 AWG | <u>639044600</u> |
| FineAdjust Applicator for Insulation Diameter OD 2.20-2.60mm, 24-18 AWG                      | <u>639045200</u> |

## Japan

| Description                                  | Part Number       |
|--|-------------------|
| Hand Extraction Tool                         | <u>11260100</u>   |
| S-1 Applicator for SPOX Terminals, 24-20 AWG | <u>2023013700</u> |
| S-1 Applicator for SPOX Terminals, 18 AWG    | <u>2023013710</u> |