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Part Number:

0039000021

Status:

Active

Overview:

spox\_bmi

Description:

SPOX™ Crimp Terminal 5194, 18-24 AWG, Phosphor Bronze, Reel

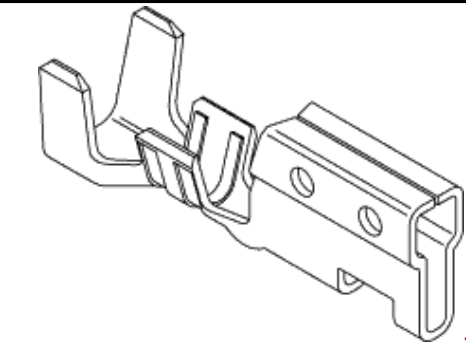


image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [Product Specification PS-5195-004 \(PDF\)](#)
- [Product Specification PS-5195-005 \(PDF\)](#)
- [Product Specification PS-5195-006 \(PDF\)](#)
- [Product Specification PS-5195-007 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family

Series

Crimp Quality Equipment

Overview

Product Name

Crimp Terminals

5194

Yes

spox\_bmi

SPOX™

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

Reel

36

0.90

36

0.90

Crimp or Compression

1.30-3.20mm (.051-.126")

18, 20, 22, 24

N/A

Material Info

Old Part Number

5194PBT

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-5194-001

PS-5195-004, PS-5195-005, PS-5195-006, PS-5195-007, RPS-5195-001, RPS-5195-002

SD-5194-001

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](mailto: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

5194Series

Use With

5195 , 5196 , 5197 , 5198 , 5199

Application Tooling | FAQ

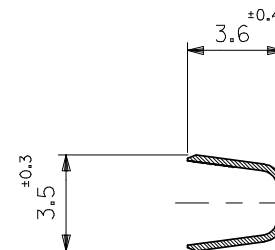
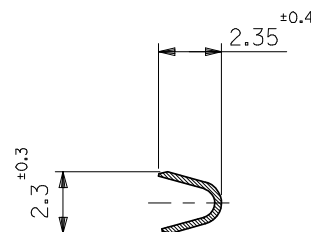
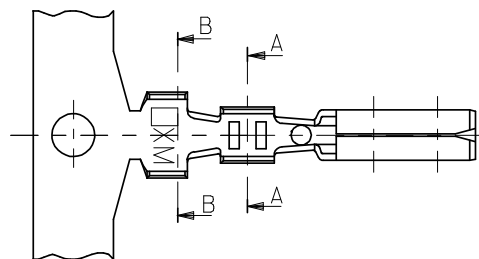
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

| Global                                                                                         |            |
|------------------------------------------------------------------------------------------------|------------|
| Description                                                                                    | Product #  |
| FineAdjust™<br>Applicator for<br>3.96mm (.156")<br>Pitch SPOX™ Crimp<br>Terminal, 18-24<br>AWG | 0639005300 |
| T2 Terminator<br>Tooling Die for<br>SPOX™ Crimp                                                | 0639105300 |

|                                                                |                   |
|----------------------------------------------------------------|-------------------|
| Terminal, 18-24<br>AWG                                         |                   |
| Hand Crimp Tool                                                | <u>0638116500</u> |
| <b>Japan</b>                                                   |                   |
| <b>Description</b>                                             | <b>Product #</b>  |
| Applicator for M211A                                           | <u>0011260028</u> |
| Bench Press, 18-28<br>AWG, for 5225 and<br>5194 Crimp Terminal |                   |
| Hand Extraction Tool                                           | <u>0011260100</u> |

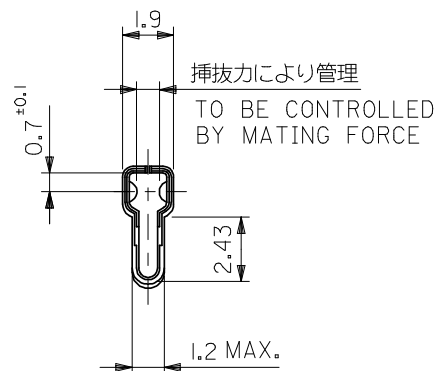
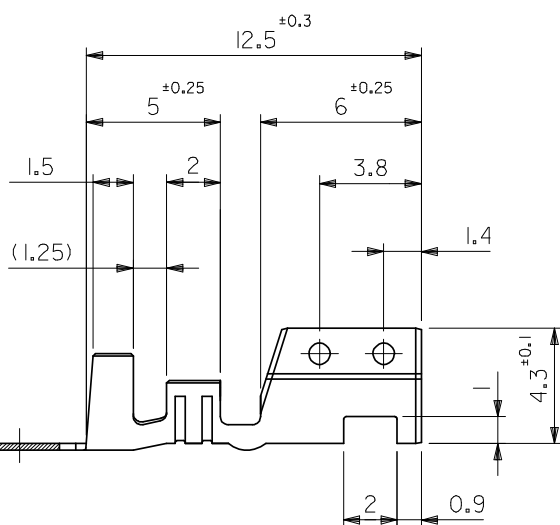
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断面 A-A  
SECT.A-A

断面 B-B  
SECT.B-B



注記  
NOTES

1. 適合ハウジング : 5195-N\*, 5196-N\*  
APPLICABLE HOUSING 5197-N\*, 5198-N\*  
5199-N\*

|                                                   |                                           |            |          |              |
|---------------------------------------------------|-------------------------------------------|------------|----------|--------------|
| 錫メッキ済<br>リン青銅<br>PRE-TINNED<br>PHOSPHOR<br>BRONZE | Sn : 0.9 $\mu$ MIN                        | 39-00-0022 | 5194PBT  | バラ状<br>LOOSE |
|                                                   |                                           | 39-00-0021 | 5194PBT  | 連鎖状<br>CHAIN |
| 錫メッキ済<br>黄銅<br>PRE-TINNED<br>BRASS                | Sn : 0.9 $\mu$ MIN,<br>Cu : 0.5 $\mu$ MIN | 08-70-1030 | 5194TL   | バラ状<br>LOOSE |
|                                                   |                                           | 08-70-1031 | 5194T    | 連鎖状<br>CHAIN |
| 材料<br>MATERIAL                                    | 表面処理<br>FINISH                            | EDP NO.    | ENG. NO. | 端子形状<br>FORM |

|                      |                                         |
|----------------------|-----------------------------------------|
| 材料<br>MATERIAL       | 表参照<br>板厚: SEE TABLE<br>0.254 (t=0.254) |
| 仕上げ<br>FINISH        | 表参照<br>SEE TABLE                        |
| 適用電線範囲<br>WIRE RANGE | AWG #18-#24                             |
| 被覆外径<br>INS. RANGE   | φ1.3 - φ3.2                             |

|         |                   |            |
|---------|-------------------|------------|
| REVISED | EC NO: J2008-3351 | 2008/03/24 |
|         | DRWN:WABEI        | 2008/03/24 |
|         | CHKD:THARUYAMA    | 2008/03/24 |
|         | APPR:NUKITA       | 2008/03/24 |
| J       |                   |            |

|                                                            |       |
|------------------------------------------------------------|-------|
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |       |
| 10 UNDER                                                   | ±0.2  |
| 10 OVER 30 UNDER                                           | ±0.25 |
| 30 OVER                                                    | ±0.3  |
| ANGULAR                                                    | ±3 °  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |

|                            |           |
|----------------------------|-----------|
| DIMENSION STYLE<br>MM ONLY |           |
| DRAWN BY                   | DATE      |
| K.HASHIMOTO                | '96/05/21 |
| CHECKED BY                 | DATE      |
| S.KUNISHI                  | '98/07/07 |
| APPROVED BY                | DATE      |
| M.FUKUSHIMA                | '98/07/07 |
| MATERIAL NO.               |           |
| SEE TABLE                  |           |
| SIZE                       |           |
| A3                         |           |

|                                                                                                                                  |                        |                           |                     |
|----------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|---------------------|
| SCALE<br>5:1                                                                                                                     | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |                     |
| TITLE<br>SPOX CRIMP RECEPTACLE                                                                                                   |                        |                           |                     |
| MOLEX INCORPORATED                                                                                                               |                        |                           |                     |
| DOCUMENT NO.<br>SD-5194-001                                                                                                      |                        |                           | SHEET NO.<br>1 OF 1 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                           |                     |