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**Part Number:** [0190030020](#)  
**Status:** **Active**  
**Overview:** [Standard Quick-Disconnect Terminals](#)  
**Description:** InsulKrimp™ Quick Disconnect, Female, for 18-22 (0.80-0.35mm²), Mylar Tape, Tab 4.75 x 0.81mm

**Documents:**  
[3D Model](#) [Product Specification PS-19902-011-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Specification PS-19902-015-001 \(PDF\)](#)  
[Product Specification PS-19902-008-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E79133  |

**General**

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Product Family          | Quick Disconnects                                   |
| Series                  | <a href="#">19003</a>                               |
| Comments                | Funnel Entry                                        |
| Crimp Quality Equipment | Yes                                                 |
| Insulated               | Fully                                               |
| Overview                | <a href="#">Standard Quick-Disconnect Terminals</a> |
| Product Name            | InsulKrimp™                                         |
| Type                    | Quick Disconnect                                    |
| UPC                     | 800753028708                                        |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Barrel Type                    | Closed                |
| Color - Resin                  | Red                   |
| Flammability                   | 94V-2                 |
| Gender                         | Female                |
| Glow-Wire Compliant            | Yes                   |
| Insulation                     | Nylon (PA)            |
| Lock to Mating Part            | None                  |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 0.685/g               |
| Orientation                    | Straight              |
| Packaging Type                 | Adhesive Tape on Reel |
| Plating min - Mating           | 4.064µm               |
| Plating min - Termination      | 4.064µm               |
| Polarized to Mating Part       | No                    |
| Tab Thickness                  | 0.81mm                |
| Tab Width                      | 4.75mm                |
| Temperature Range - Operating  | -65°C to +105°C       |
| Termination Interface: Style   | Crimp or Compression  |
| Wire Insulation Diameter       | 3.43mm max.           |
| Wire Size AWG                  | 18, 20, 22            |

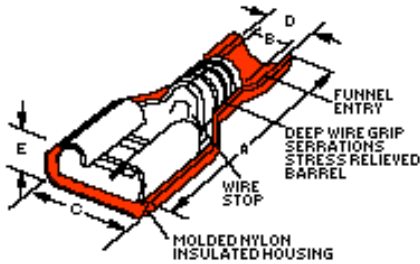
**Electrical**

|                   |      |
|-------------------|------|
| Voltage - Maximum | 600V |
|-------------------|------|

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[19003 Series](#)

|                                    |                                                         |
|------------------------------------|---------------------------------------------------------|
| Engineering Number                 | AA-2203T                                                |
| <b>Reference - Drawing Numbers</b> |                                                         |
| Product Specification              | PS-19902-008-001, PS-19902-011-001,<br>PS-19902-015-001 |
| Sales Drawing                      | SD-19003-005                                            |

This document was generated on 02/16/2017

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