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**Part Number:** [84525-0009](#)  
**Status:** **Active**  
**Overview:** XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles  
**Description:** XRC™ Female (Socket) Terminal, 16 to 18 AWG, Terminal Size 16, Insulation Diameter 1.40 to 2.16mm , Nickel

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-84501-001 \(PDF\)](#)

**General**

|                                  |   |
|----------------------------------|---|
| Product Family                   | Crimp Terminals   |
| Series                           | <a href="#">84525</a>   |
| Application                      | Power   |
| Crimp Quality Equipment Overview | Yes   |
|                                  | <a href="#">XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles</a> |
| Product Name                     | XRC™  |
| UPC                              | 78172511502   |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Gender                       | Socket               |
| Material - Metal             | Copper Alloy         |
| Material - Plating Mating    | Nickel               |
| Net Weight                   | 1.117/g              |
| Packaging Type               | Reel                 |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | 1.91-3.30mm          |
| Wire Size AWG                | 16, 18               |
| Wire Size mm²                | N/A                  |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-84501-001 |
| Sales Drawing         | SD-84525-001 |



image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**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**

[84525Series](#)

**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™ Applicator                               | <a href="#">0638681000</a> |
| FineAdjust™ Applicator, Insulation Range 1.79-2.16mm | <a href="#">0638681100</a> |
| Hand Crimp Tool for 3.56mm Crimp Terminal, Pin       | <a href="#">0638115500</a> |