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**Part Number:** [84506-0003](#)  
**Status:** **Active**  
**Overview:** XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles  
**Description:** XRC™ Sealed Receptacle with Socket Insert, Shell Size 24, 31 Circuits, with Collar

**Documents:**

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

**Agency Certification**

UL E152602

**General**

Product Family Crimp Housings  
 Series [84506](#)  
 Application Power, Wire-to-Wire  
 Comments [84506-0012](#) Hex Nut For Panel Mounting Sold Separately. IP67 rated; conforms to UL 1977. NOT suitable for automotive applications with requirements such as USCAR-2, USCAR-25, GMW3191, AK Testing, J2030, Volvo Technology Requirements, and Toyota Conn  
 Overview XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles  
 Product Name XRC™  
 UPC 883906514051

**Physical**

Circuits (maximum) 31  
 Circuits Detail 31  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Compliant No  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Net Weight 57.820/g  
 Number of Rows 0  
 Packaging Type Tray  
 Panel Mount Yes  
 Pitch - Mating Interface N/A  
 Pitch - Termination Interface N/A  
 Temperature Range - Operating -40°C to +130°C

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-84501-001  
 Sales Drawing SD-84506-001



image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Reviewed**

**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**

[84506Series](#)

**Mates With**

[84505](#) Plug

**Use With**

[84525](#) XRC™ Sealed Terminal Socket