

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0845100005](#)  
**Status:** **Active**  
**Overview:** XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles  
**Description:** XRC™ Sealed Plug with Socket Insert, Shell Size 24, 31 Circuits, with Collar

**Documents:**

[3D Model](#) [Packaging Specification PK-84501-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-84501-001 \(PDF\)](#)

**Agency Certification**

UL E152602

**General**

Product Family Crimp Housings  
 Series [84510](#)  
 Application Power, Wire-to-Wire  
 Comments 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 Connector Spec (TCS)  
 Overview XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles  
 Product Name XRC™  
 UPC 883906514976

**Physical**

Circuits (maximum) 31  
 Circuits Detail 31  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Plug  
 Glow-Wire Compliant No  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Net Weight 65.730/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**

Packaging Specification PK-84501-001  
 Product Specification PS-84501-001  
 Sales Drawing SD-84510-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -ED/79/2015 (17 December 2015)

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[84510](#) Series

**Mates With**

[84511](#) Receptacle

**Use With**

[84525](#) XRC™ Sealed Terminal Socket