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**Part Number:** [84505-0003](#)  
**Status:** **Active**  
**Overview:** XRC™ (Extra Rugged Circular) Sealed Plugs and Receptacles  
**Description:** XRC™ Sealed Plug with Pin Insert, Shell Size 24, 31 Circuits, with Collar

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

**Agency Certification**  
UL E152602

**General**  
Product Family Crimp Housings  
Series [84505](#)  
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 883906514983

**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 60.730/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**  
Product Specification PS-84501-001  
Sales Drawing SD-84505-001



*image - Reference only* **Series**

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
Not Reviewed  
**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**  
[84505Series](#)

**Mates With**  
[84506](#) Receptacle

**Use With**  
[84524](#) XRC™ Sealed Terminal Pin