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**Part Number:** [171466-9001](#)  
**Status:** **Active**  
**Overview:** Imperium™ High Voltage/High Current (HVHC) Connector System  
**Description:** Imperium™ High Voltage Receptacle Kit 1/0 Cable Size, Key Option A

**Documents:**

[Drawing \(PDF\)](#) [Application Specification AS-171467-001 \(PDF\)](#)  
[Product Specification PS-171467-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">171466</a>
Application	Power
Application Tooling Part Link	19286-0370
Overview	<a href="#">Imperium™ High Voltage/High Current (HVHC) Connector System</a>
Product Name	Imperium™
UPC	887191376769
Waterproof / Dustproof Type	IP6K9K

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Orange
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Silver over Nickel
Net Weight	260.610/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
Pitch - Mating Interface	N/A
Termination Interface: Style	N/A

**Electrical**

Current - Maximum per Contact	250A
Voltage - Maximum	1000V DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-171467-001
Product Specification	PS-171467-001
Sales Drawing	SD-171466-9000



image - Reference only

**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**

171466Series

**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 #
Imperium™ Cable Assembly Inspection Gage for Receptacle Harness AssemblyKits for 1/0 and 1 AWG cables, 171466 series.	<a href="#">0192860370</a>