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**Part Number:** [0743370050](#)  
**Status:** **Active**  
**Overview:** [ultra\\_vhdc](#)  
**Description:** 0.80mm (.031") Pitch Ultra+™ VHDCI Receptacle, Stacked, Right Angle, Enhanced Shield, Four Press-Fit Boardlocks, 136 Circuits, PC Tail Length 2.30mm (.091")

**Documents:**

[3D Model](#) [Product Specification PS-71425-9999 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

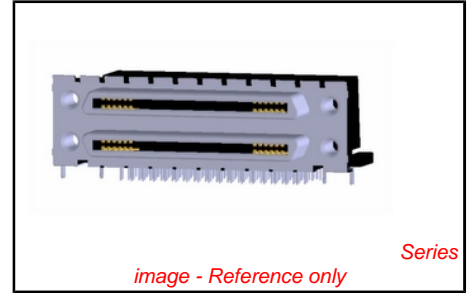
CSA LR19980  
 UL E29179

**General**

Product Family I/O Connectors  
 Series [74337](#)  
 Application Wire-to-Board  
 Comments With Top Cover  
 Component Type Receptacle  
 Overview [ultra\\_vhdc](#)  
 Product Name SCSI+, VHDCI  
 Type N/A

**Physical**

Boot Color N/A  
 Circuits (Loaded) 136  
 Circuits (maximum) 136  
 Color - Resin Black  
 Durability (mating cycles max) 500  
 Flammability 94V-0  
 Gender Female  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 4  
 Orientation Right Angle  
 PC Tail Length 2.48mm (.098")  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm (.063")  
 Packaging Type Tray  
 Panel Mount Yes  
 Pitch - Mating Interface 0.80mm (.031")  
 Pitch - Termination Interface 0.80mm (.031")  
 Plating min - Mating 1.016µm (40µ")  
 Plating min - Termination 1.016µm (40µ")  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Ports 2  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Through Hole  
 Waterproof / Dustproof No



<p><b>EU RoHS</b>                  RoHS Compliant by Exemption  <b>REACH SVHC</b>                  Not Reviewed  <b>Low-Halogen Status</b>                  Not Reviewed</p>	<p><b>China RoHS</b></p> <p>Pb</p>
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**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**  
[74337Series](#)

**Mates With**  
[71425 Ultra+™ VHDCI Plug Kit](#)

Wire Size AWG	N/A
<b>Electrical</b>	
Current - Maximum per Contact	0.5A
Grounding to Panel	Screw Hole
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	40
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	245

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-74337-001
Product Specification	PS-71425-9999
Sales Drawing	SD-74337-014

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