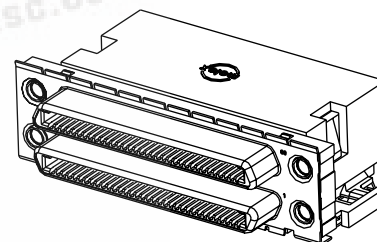




# 0.80mm (.031") Pitch Ultra™ VHDCI Wire-to-Board Receptacle

## 74337

### Stacked, Right Angle



## FEATURES AND SPECIFICATIONS

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### Features and Benefits

- Conforms to EIA/SFF specifications to ensure intermateability with conforming parts
- Gold flash over Palladium Nickel plating for a high durability/reliability interface
- Dual-stack, single-piece design provides space savings with one-step PCB processing
- Optional cover to protect from contact damage during handling
- Available with or without screwlock hardware (71433-0002)
- One-piece enhanced face shield for improved EMI/RFI performance and simple ground termination process

### Reference Information

Product Specification: PS-71425-9999

Packaging: Tray

UL File No.: E29179

CSA File No.: LR19980-5

Mates With: Ultra+ VHDCI plug kit 71425

Designed In: Millimeters

### Electrical

Voltage: 30V

Current: 0.5A

Contact Resistance: 50mΩ max.

Dielectric Withstanding Voltage: 250V AC

Insulation Resistance: 500 MΩ min.

### Mechanical

Mating Force: 0.49N (0.11 lb)

Unmating Force: 0.15N (0.03 lb)

Durability: 500 cycles

### Physical

Housing: Black, high-temperature thermoplastic, UL 94V-0

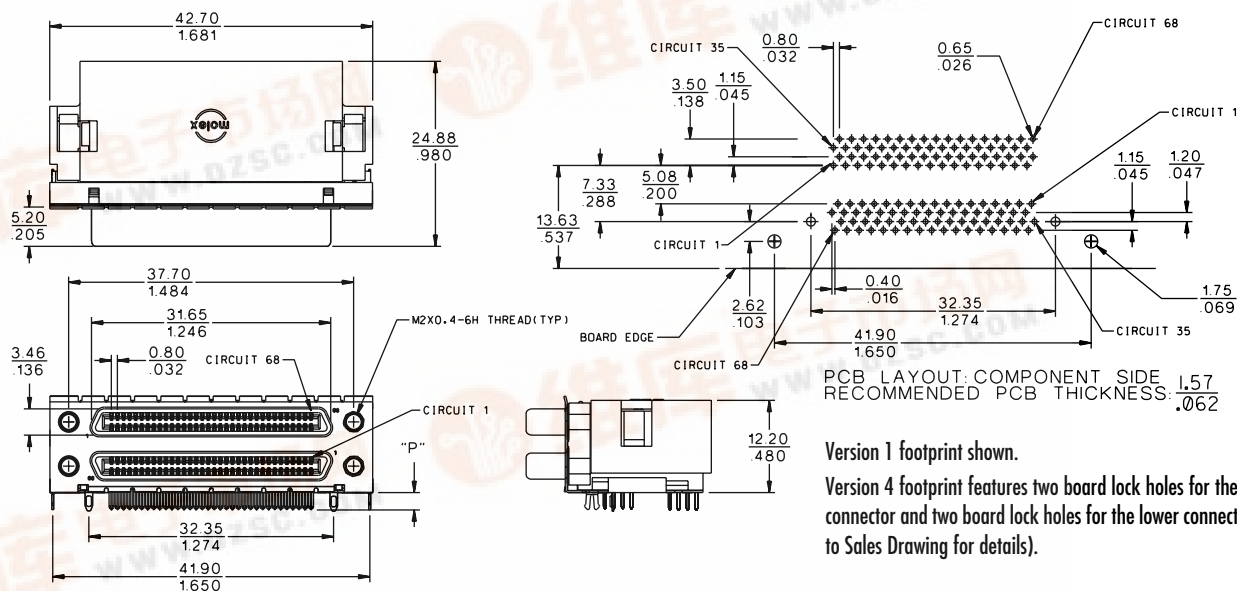
Contact: Phosphor Bronze

Plating: Gold flash over Palladium Nickel

PCB Thickness: 1.57 and 2.36mm (.062 and .093")

Operating Temperature: -55 to +85°C

## CATALOG DRAWING (FOR REFERENCE ONLY)



Version 1 footprint shown.

Version 4 footprint features two board lock holes for the upper connector and two board lock holes for the lower connector (refer to Sales Drawing for details).

## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.				Footprint Version	Dimension P
	With Screwlocks	With Cover	With Screwlocks and Cover	Without Screwlocks or Cover		
136	74337-0040	74337-0012	74337-0038	74337-0016	1	2.08 (.082)
	74337-0064	74337-0051*	74337-0054	74337-0061	4	2.08 (.082)
	74337-0039	74337-0011	74337-0037	74337-0015	1	2.30 (.090)
	74337-0073	74337-0070	74337-0072	74337-0071	1	3.44 (.135)

\* Without enhanced shield and ground tabs

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Order No. USA-172

**molex®** 0.80mm (.031") Pitch  
**Ultra™ VHDCI**  
**Wire-to-Board**  
**Dual Stack Receptacle**

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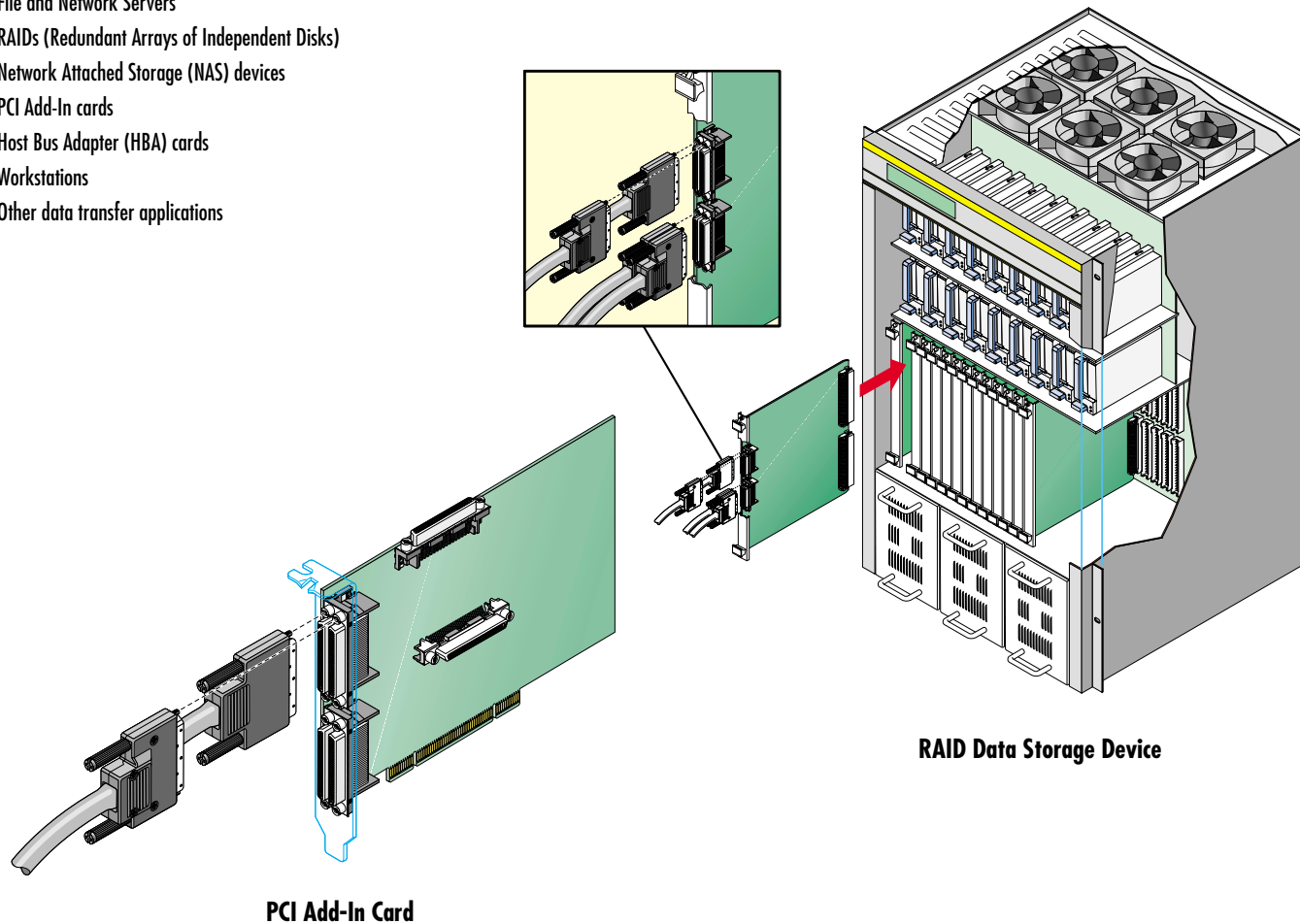
The new 0.80mm (.031") Pitch Dual Stack Ultra+ VHDCI (Very High Density Cable Interface) connectors from Molex are ideal for demanding next generation SCSI applications. They have been designed to meet ANSI/SFF-8441 and SPI-4 requirements while supporting HBA applications and other equipment requiring high port densities.

These space-saving dual-stacked receptacles have 136 circuits in a two-row configuration, providing the most features for maximum performance and reliability. An optional cover is available, eliminating risk of electrical shorts to panels or adjacent printed circuit boards in densely packaged equipment. Panel grounding tabs provide a superior ground path to a panel or bracket for maximum EMI protection. High performance terminals with lead-ins that have a large radius minimize stubbing while improving plug insertion.



**APPLICATIONS**

- File and Network Servers
- RAIDs (Redundant Arrays of Independent Disks)
- Network Attached Storage (NAS) devices
- PCI Add-In cards
- Host Bus Adapter (HBA) cards
- Workstations
- Other data transfer applications



PCI Add-In Card

RAID Data Storage Device