

## Part Number: 52412-0401

1.27mm Pitch D-50L Header, Dual Row Right Angle, without Beveled Metal Pin, 40 Circuits



Series image - Reference only

Status: **Obsolete**  
Replacement:

Contact Molex

Series: 52412  
Category: PCB Headers

CHECK DISTRIBUTOR INVENTORY

Add to My Parts  
Email this page

Go to Part Detail ▾

## Mates With Part(s):

D-50L Receptacle [52328](#), [52368](#), [52409](#), [52410](#)

## Specifications &amp; Other Documents:

Note - Please disable browser pop-up blockers to view documents on [www.molex.com](http://www.molex.com)

## Product Environmental Compliance

Questions on Product Environmental Compliance? Email [productcompliance@molex.com](mailto:productcompliance@molex.com)EU ELV:  
EU RoHS: Not RoHS Compliant  
China RoHS:  
REACH SVHC: Not Reviewed  
Low-Halogen Status: Not Reviewed[RoHS Certificate of Compliance \(PDF\)](#)[Multiple Part Product Compliance Form \(PDF\)](#)

## 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.

## Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

## Part Detail

COLLAPSE ALL

## ▼ General

Status	Obsolete
Category	PCB Headers
Series	<a href="#">52412</a>
Application	Board-to-Board, Signal
Obsolete Date	2004/08/01
Product Name	D-50L
UPC	800753568266

## ▼ Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
Plating min - Mating	0.254µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

## ▼ Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.5A
Voltage - Maximum	125V

## ▼ Material Info