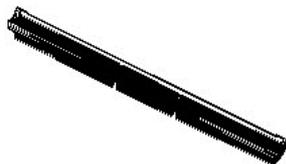


**Part Number: 85109-4294**

2.50mm Pitch Omnigrid Header, Vertical, 10 SU, 475 Circuits



**Status:** **OBSOLETE**  
**Replacement:** Contact Molex  
**Series:** [85109](#)  
**Category:** Backplane Connectors

Series image - Reference only

**Product Environmental Compliance**[EU RoHS:](#) ELV and RoHS Compliant[China RoHS:](#) [REACH SVHC:](#)[Low-Halogen Status:](#) Not Reviewed**Part Detail****General**

<b>Status</b>	<b>Obsolete</b>
Category	Backplane Connectors
Series	<a href="#">85109</a>
Application	Backplane
Comments	Performance Level 1
Component Type	PCB Header
Product Name	Omnigrid
Style	N/A

**Physical**

Circuits (Loaded)	475
Circuits (maximum)	475
Durability (mating cycles max)	500
Flammability	94V-0
Keying to Mating Part	None
Number of Columns	N/A
Number of Pairs	N/A
Number of Rows	5
Orientation	Vertical
PCB Retention	None
PCB Thickness - Recommended	2.00mm
Packaging Type	Tray
Pitch - Mating Interface	2.50mm
Temperature Range - Operating	-55°C to +125°C

**Electrical****(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	1A
Data Rate	N/A
Voltage - Maximum	750V

**Agency Certification**

CSA	LR19980
UL	E29179

**Material Info****Reference - Drawing Numbers**

Product Specification	PS-851**-0005
Sales Drawing	SDA-85109-1***, SDA-85109-4294

**Application Tooling**

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](#)