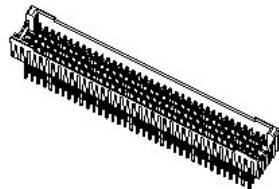



Part Number: 85105-4608

2.50mm Pitch Omnidgrid Header, Vertical, 4 SU, 185 Circuits



Series Image - Reference only

Status:	OBsolete
Replacement:	Contact Molex
Series:	85105
Category:	Backplane Connectors

Product Environmental Compliance
EU RoHS: ELV and RoHS Compliant

China RoHS:
REACH SVHC: Not Reviewed

Low-Halogen Status: Not Reviewed

Part Detail
General

Status	Obsolete
Category	Backplane Connectors
Series	85105
Application	Backplane
Comments	Performance Level 1
Component Type	PCB Header
Product Name	Omnigrid
Style	N/A

Physical

Circuits (Loaded)	185
Circuits (maximum)	185
Durability (mating cycles max)	500
Flammability	94V-0
Keying to Mating Part	None
Material - Metal	Phosphor Bronze
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
Termination Interface: Style	Through Hole

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-85105-1***, SDA-85105-4608

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](#)