

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0877153909](#)  
**Status:** **Active**  
**Overview:** Edge Card Connectors  
**Description:** 1.00mm Pitch Edgecard Connector, 230 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm Gold Solder-tail, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-87715-202-001 \(PDF\)](#)  
[Product Specification PS-87715-202-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification TS-87715-202-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980

**General**

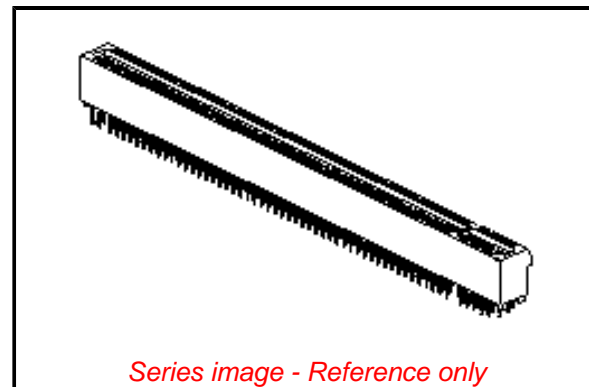
Product Family Edge Card Connectors  
Series [87715](#)  
Circuit Size Range 201-294 Circuits  
Comments Not a PCI Standard Part  
Component Type Edgecard to PCB  
Data Rate 8.0 Gbps  
Edge Card Thickness 1.57mm  
Electrical Model Yes  
High Power Bay (30.0A or more) No  
Orientation Vertical  
Overview [Edge Card Connectors](#)  
Product Name Edge Card  
Standard Based General  
UPC 822348517909

**Physical**

(p)ower-(s)ignal Configuration 230s - 0p  
Circuits (Loaded) 230  
Circuits (maximum) 230  
Color - Resin Black  
Durability (mating cycles max) 50  
Entry Angle Vertical (Top Entry)  
Flammability 94V-0  
Keying to Mating Part Yes  
Material - Plating Mating Gold  
Material - Plating Termination Tin-Lead  
Net Weight 5.500/g  
PC Tail Length 3.00mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 2.40mm  
Packaging Type Tray  
Pitch - Mating Interface 1.00mm  
Pitch - Termination Interface 1.00mm  
Plating min - Mating 0.381µm  
Polarized to Mating Part Yes  
Temperature Range - Operating 65°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.1A  
Voltage - Maximum 50V AC (RMS)/DC



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[87715 Series](#)

**Mates With**

1.00mm Thick Memory Module

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

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

Electrical Model Document	EE-87715-004, EE-87715-011, EE-87715-012, EE-87715-013, EE-87715-014
Packaging Specification	PK-87715-202-001
Product Specification	PS-87715-202-001, TS-87715-202-001
S-Parameter Model	SP-87715-004, SP-87715-011, SP-87715-012, SP-87715-013, SP-87715-014
Sales Drawing	SD-87715-202

This document was generated on 07/24/2017

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