

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

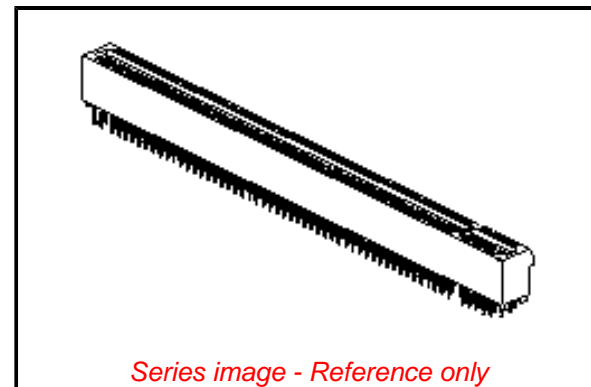
Product Family Edge Card Connectors
Series [87715](#)
Comments Not a PCI Standard Part
Component Type Edgecard to PCB
Data Rate 8.0 Gbps
Edge Card Thickness 1.57mm
Electrical Model Yes
High Power Bay (30.0A or more) No
Orientation Vertical
Overview [Edge Card Connectors](#)
Product Name Edge Card
Standard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

Physical

(p)ower-(s)ignal Configuration 230s - 0p
Circuit Size Range 201-294 Circuits
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email 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 07/16/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION