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Part Number: [0877153908](#)
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

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

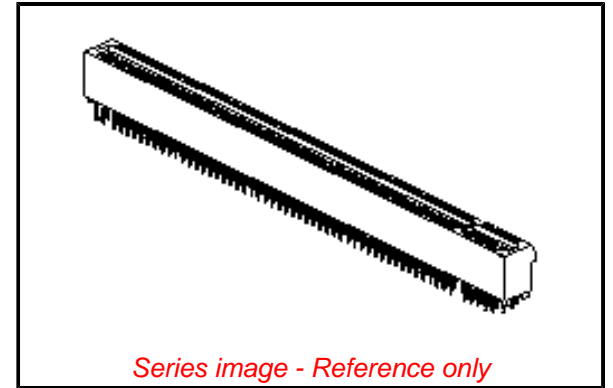
Product Family Edge Card Connectors
 Series [87715](#)
 Comments Not a PCI Standard Part
 Component Type Edgecard to PCB
 Data Rate 8.0 Gbps
 Edge Card Thickness 1.57mm
 Electrical Model Yes
 High Power Bay (30.0A or more) No
 Orientation Vertical
 Overview [Edge Card Connectors](#)
 Product Name Edge Card
 Standard Based General
 UPC 822348517893

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 11.900/g
 PC Tail Length 2.54mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 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-87715-002, EE-87715-011, EE-87715-012, EE-87715-013, EE-87715-014, REE-87715-016, REE-87715-017 |
| Packaging Specification | PK-87715-202-001 |
| Product Specification | PS-87715-202-001, TS-87715-202-001 |
| S-Parameter Model | SP-87715-002, SP-87715-011, SP-87715-012, SP-87715-013, SP-87715-014 |
| Sales Drawing | SD-87715-202 |
| Signal Integrity Report | SI-87715-002 |

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