

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:

3D Model	Product Specification TS-87715-202-001 (PDF)
Drawing (PDF)	Packaging Specification PK-87715-202-001 (PDF)
Product Specification PS-87715-202-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA LR19980

General

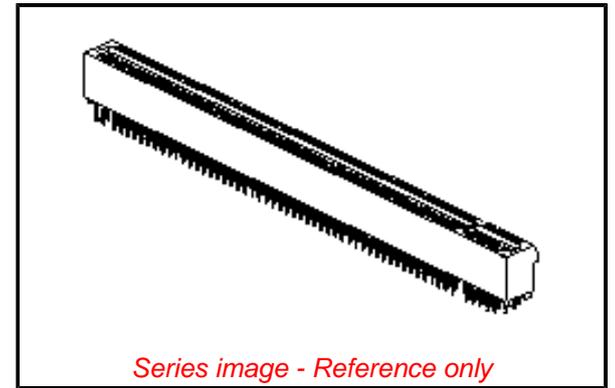
Product Family	Edge Card Connectors
Series	87715
Circuit Size Range	201-294 Circuits
Comments	Not a PCI Standard Part
Component Type	Edgecard to PCB
Data Rate	8.0 Gbps
Edge Card Thickness	1.57mm
Electrical Model	Yes
High Power Bay (30.0A or more)	No
Orientation	Vertical
Overview	Edge Card Connectors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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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 12/28/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION