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Part Number: [0877159900](#)

Status: **Active**

Overview:

Description: 1.00mm (.039") Edgecard Connector, Vertical, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm (15µ") Gold (Au) Plating, with Plastic Pegs, 3.00mm (.118") Solder tail, PCB Thickness 2.36mm (.093"), 26 Circuits, Lead Free

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Edge Card Connectors
Series	87715
Comments	Not a PCI standard part
Component Type	Edgecard to PCB
Overview	edge_card_connectors
Product Name	Edge Card

Physical

Circuits (Loaded)	26
Circuits (maximum)	26
Circuits Detail	All Signal
Durability (mating cycles max)	50
Entry Angle	Vertical (Top Entry)
Flammability	94V-0
Keying to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
PC Tail Length (in)	0.118 In
PC Tail Length (mm)	3.00 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.093 In
PCB Thickness Recommended (mm)	2.36 mm
Packaging Type	Tray
Panel Mount	N/A
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	1.00 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	1.00 mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-87715-201
Product Specification	PS-87715-200
Sales Drawing	SD-87715-209
Test Summary	TS-87715-209

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

China RoHS



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

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series

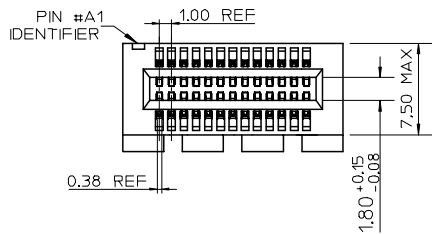
87715Series

Mates With

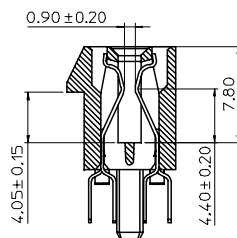
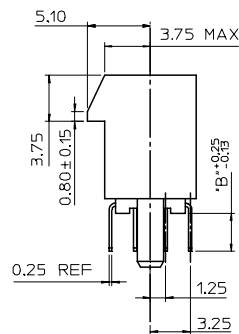
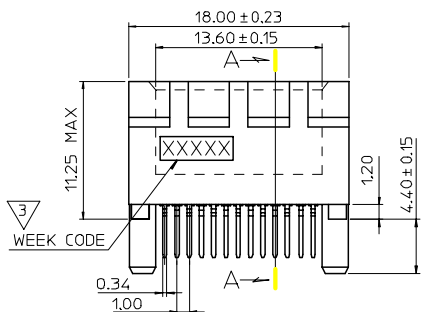
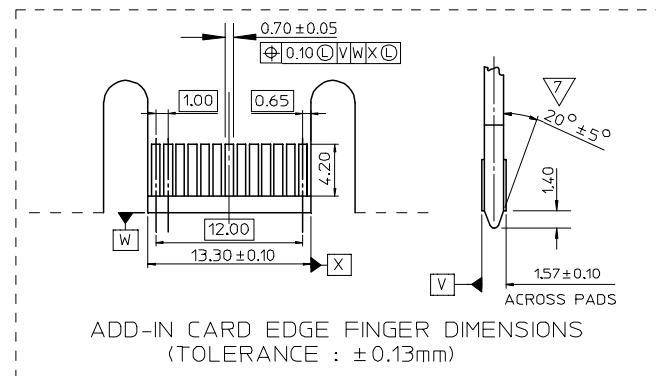
PCI Express Card

This document was generated on 06/04/2010

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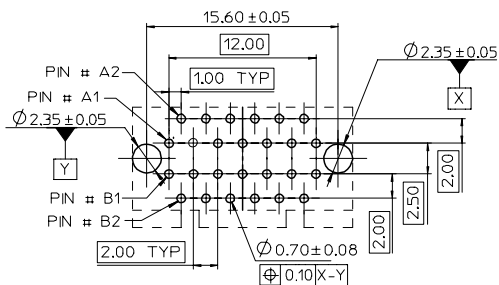
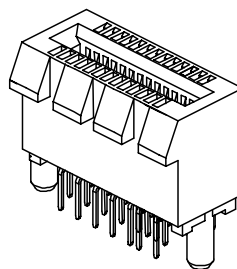
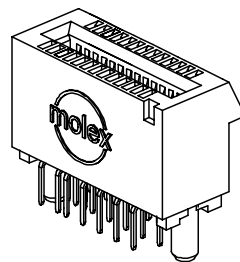
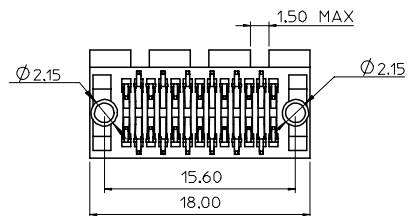
MOLEX P/N	CONTACT PLATING	DIM 'B'	P.C.B THICKNESS
87715-9900	GOLD 15	3.00	2.36
87715-9901	MICROINCH	2.54	1.58
87715-9922	GOLD 30	2.54	1.58
87715-9923	MICROINCH	3.00	2.36



SECTION A-A

NOTES:

- MATERIALS:
HOUSING: NYLON 46, GLASS FIBER FILLED UL94V-0
COLOR:BLACK
TERMINAL: PHOSPHOR BRONZE
- PLATING:
TERMINAL :
CONTACT AREA: SEE TABLE
SOLDER TAIL: TIN, THICKNESS = 100 MICROINCH MIN.
UNDER PLATING: NICKEL OVERALL
- WEEK CODE: XX(YEAR), XX(WEEK), X(LOCATION)
- PRODUCT SPECIFICATION REFER TO PS-87715-200
- PACKAGE SPECIFICATION REFER TO PK-87715-201
- TEST SUMMARY: REFER TO TS-87715-209
- CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- LEAD FREE AND ROHS COMPLIANCE PRODUCT.



RECOMMENDED PCB LAYOUT

NEW RELEASED EC NO: SH2006-0194 DRWN:ALL IN 2006/04/18 CHKD: 2006/04/18 APPR:WWSCHANG 2006/04/18	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	= 0 = 0		MM/IN	SCALE	METRIC		

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DRAWN BY	DATE	TITLE
TOM	2005/03/15	1.00MM PITCH EDGE CARD 26 PIN VERT CONNECTOR (LEAD FREE VERSION)
CHECKED BY	DATE	
ALL IN	2005/03/15	
APPROVED BY	DATE	
WWSCHANG	2005/03/15	
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE TABLE	SD-87715-209	1 OF 1

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