

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0877153917

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch, PCI Express* Connector, 280 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, Gold (Au) Flash, with Plastic Pegs, 2..54mm (.100") Solderetail, Lead Free

Agency Certification

CSA

LR19980

General

Product Family

Series

Component Type

Overview

Product Name

Edge Card Connectors

87715

Edgecard to PCB

pci_express_card_edge_connector

PCI Express*

Physical

Circuits (Loaded)

Circuits (maximum)

Circuits Detail

Durability (mating cycles max)

Entry Angle

Flammability

Keying to Mating Part

Material - Plating Mating

Material - Plating Termination

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Polarized to Mating Part

Temperature Range - Operating

Termination Interface: Style

280

280

All Signal

50

Vertical (Top Entry)

94V-0

Yes

Gold

Tin

0.100 In

2.54 mm

Yes

Yes

0.062 In

1.60 mm

Tray

0.039 In

1.00 mm

0.039 In

1.00 mm

Yes

-55°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.1A

50V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability

Process Temperature max. C

Wave Capable (TH only)

260

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

Test Summary

PK-87715-206

PS-87715-206

SD-87715-206

TS-87715-206

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

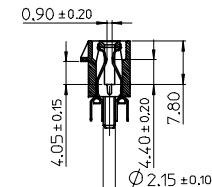
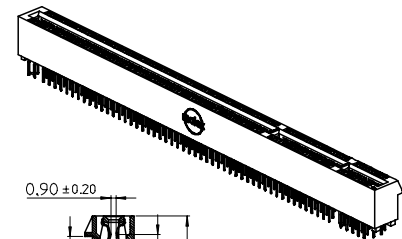
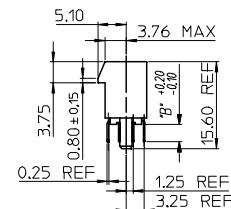
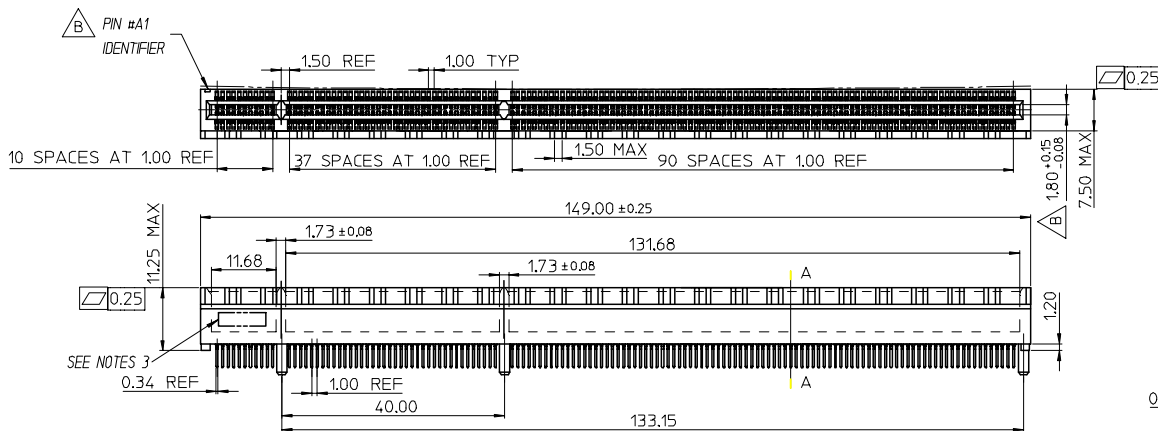
Mates With

PCI Express Card

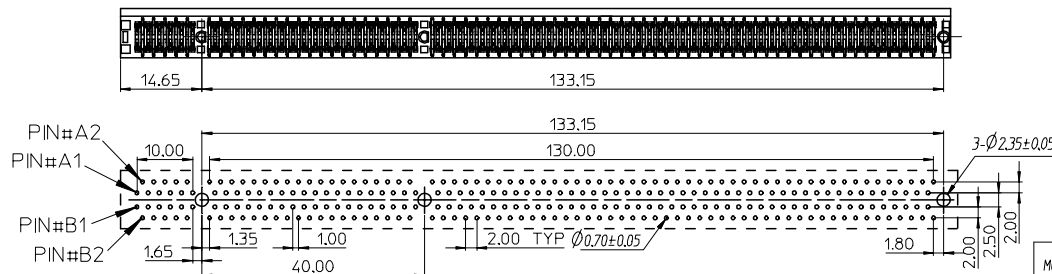
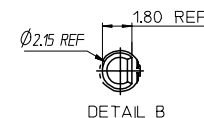
| * PCI Express is a registered trademark of PCI-SIG®

This document was generated on 06/04/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



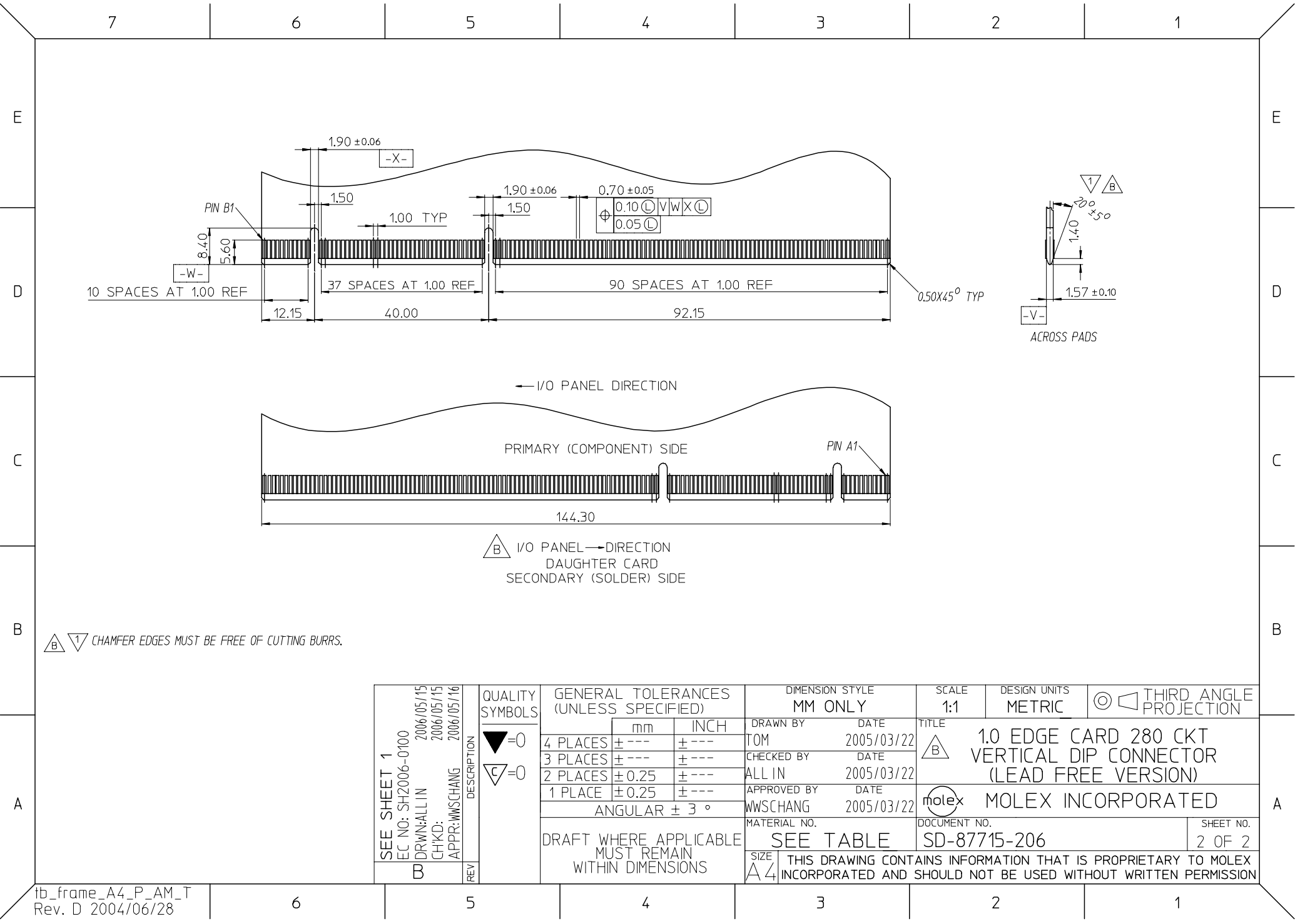
SECTION A-A



- NOTES:
1. MATERIALS:
1-1. HOUSING: SEE TABLE GLASS FIBER FILLED UL94V-0
COLOR: SEE TABLE
1-2. CONTACT: SEE TABLE
 2. PLATING:
2-1. CONTACT AREA: SEE TABLE
2-2. SOLDER TAIL: SEE TABLE
2-3. UNDER PLATING: SEE TABLE
 3. DATE CODE: TO BE PRINTED
 4. PRODUCT SPECIFICATION REFER TO PS-87715-200
 5. PACKAGE SPECIFICATION REFER TO PK-87715-206
 6. TEST SUMMARY: REFER TO TS-87715-206
 7. LEAD FREE AND ROHS COMPLIANT.

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDER TAIL PLATING	DIM B*
87715-3914	280	NYLON 46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	100 MICRONCH TIN OVER 50 MICRONCH NICKEL OVERALL	3.00
87715-3915	280	NYLON 46	BLACK	PHOSPHOR BRONZE	15 MICRONCH	100 MICRONCH TIN OVER 50 MICRONCH NICKEL OVERALL	3.00
87715-3916	280	NYLON 46	BLACK	PHOSPHOR BRONZE	30 MICRONCH	100 MICRONCH TIN OVER 50 MICRONCH NICKEL OVERALL	3.00
87715-3917	280	NYLON 46	BLACK	PHOSPHOR BRONZE	GOLD FLASH	100 MICRONCH TIN OVER 50 MICRONCH NICKEL OVERALL	2.54
87715-3918	280	NYLON 46	BLACK	PHOSPHOR BRONZE	15 MICRONCH	100 MICRONCH TIN OVER 50 MICRONCH NICKEL OVERALL	2.54
87715-3919	280	NYLON 46	BLACK	PHOSPHOR BRONZE	30 MICRONCH	100 MICRONCH TIN OVER 50 MICRONCH NICKEL OVERALL	2.54

EWR 2006-0005 & 2006-0019 2005-0094 EC NO: SH2006-0100 DRWN: ALL IN CHKD: APPR: WWSCHANG	DESCRIPTION REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE 1.0 EDGE CARD 280 CKT VERTICAL DIP CONNECTOR (LEAD FREE VERSION)	MOLEX MOLEX INCORPORATED	SHEET NO. 1 OF 2
			4 PLACES	3 PLACES	2 PLACES	1 PLACE						
			± ---	± ---	± 0.25	± 0.25	DRAWN BY TOM	DATE 2005/03/22				
							CHECKED BY ALL IN	DATE 2005/03/22				
							APPROVED BY WWSCHANG	DATE 2005/03/22				
							MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87715-206				
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

SEE SHEET 1 EC NO: SH2006-0100 DRWN:ALL IN CHKD: APPR:WWSCHANG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY TOM	DATE 2005/03/22	TITLE 1.0 EDGE CARD 280 CKT VERTICAL DIP CONNECTOR (LEAD FREE VERSION)				
			4 PLACES	± ---	± ---	CHECKED BY ALL IN	DATE 2005/03/22					
			3 PLACES	± ---	± ---	APPROVED BY WWSCHANG	DATE 2005/03/22	MOLEX INCORPORATED				
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE TABLE						
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
			ANGULAR ± 3 °									

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
--	--	--	--	--	--	--	--	--	--	--	--



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331