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Part Number:

0877153909

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch, PCI Express* Connector, 230 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.38µm (15µ") Gold (Au) Plating, with Plastic Pegs, 3.00mm (.118") Solder tail, Lead Free

Agency Certification	
CSA	LR19980
General	
Product Family	Edge Card Connectors
Series	87715
Component Type	Edgecard to PCB
Overview	pci_express_card_edge_connector
Product Name	PCI Express*
Physical	
Circuits (Loaded)	230
Circuits (maximum)	230
Circuits Detail	All Signal
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
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)	2.40 mm
Packaging Type	Tray
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
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
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
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87715-202
Product Specification	PS-87715-202

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

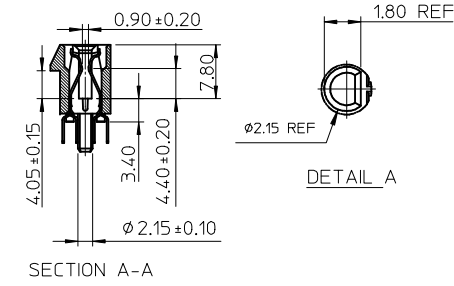
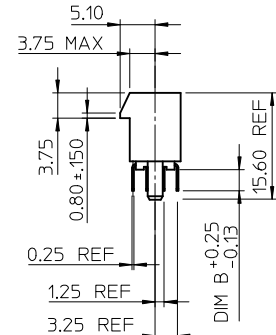
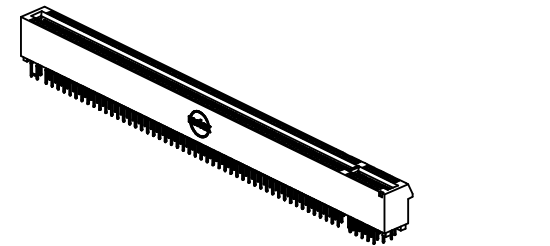
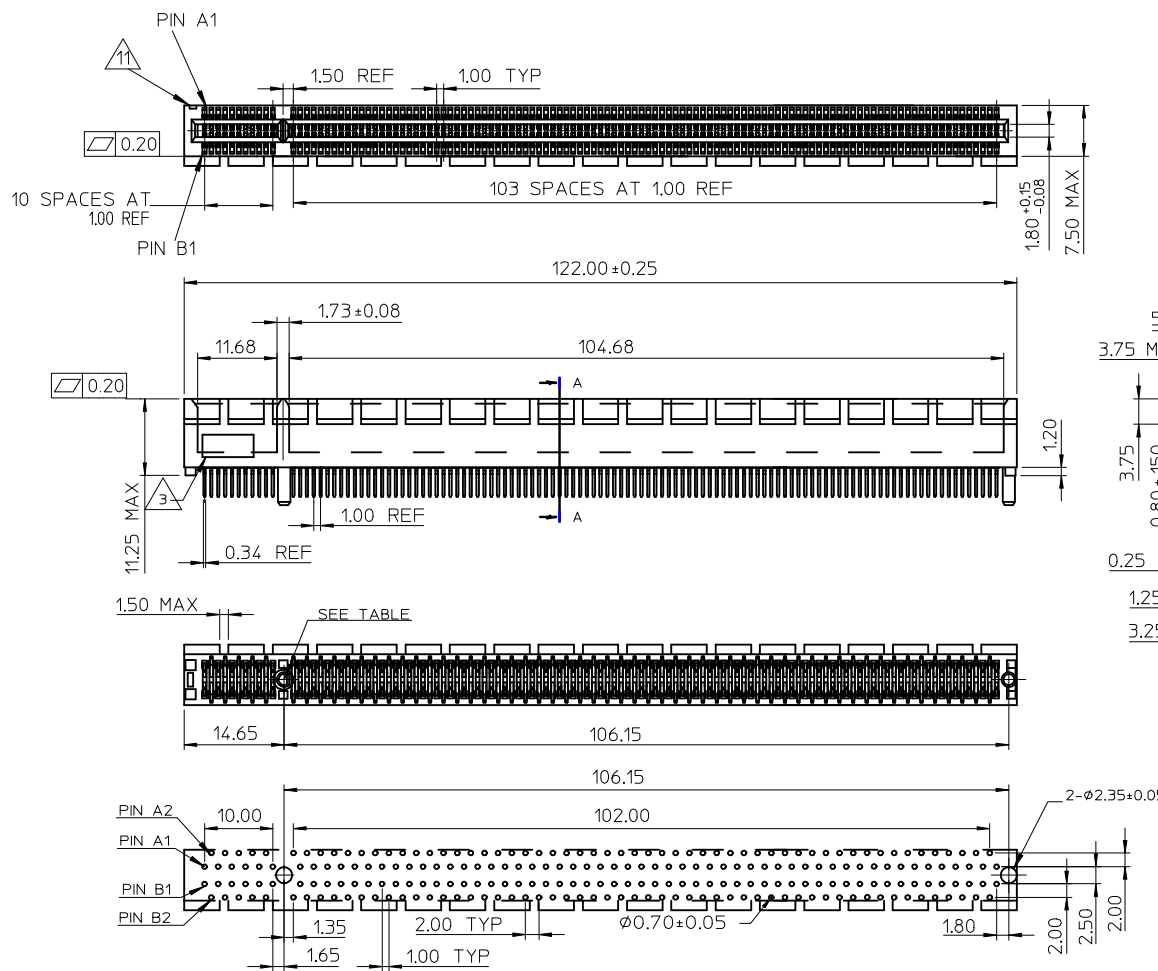
Sales Drawing
Test Summary

SD-87715-202
TS-87715-202

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

This document was generated on 06/04/2010

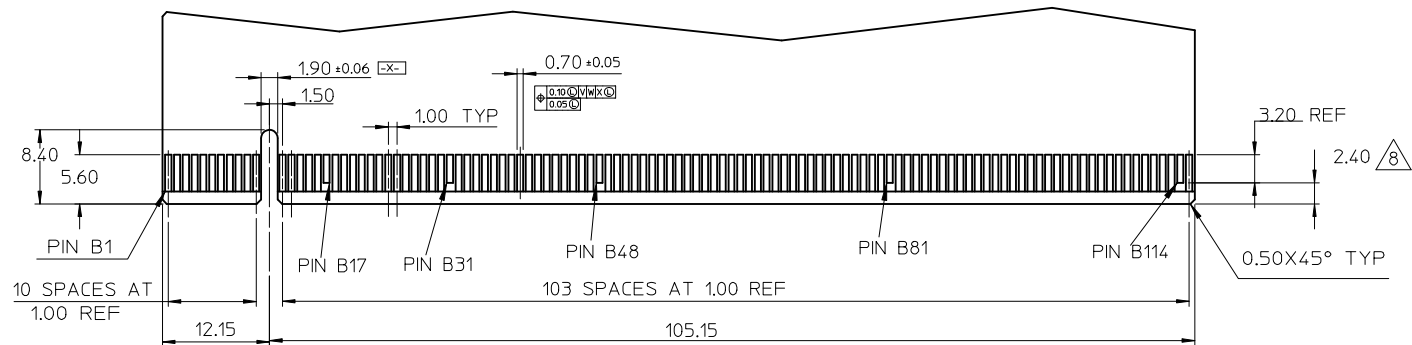
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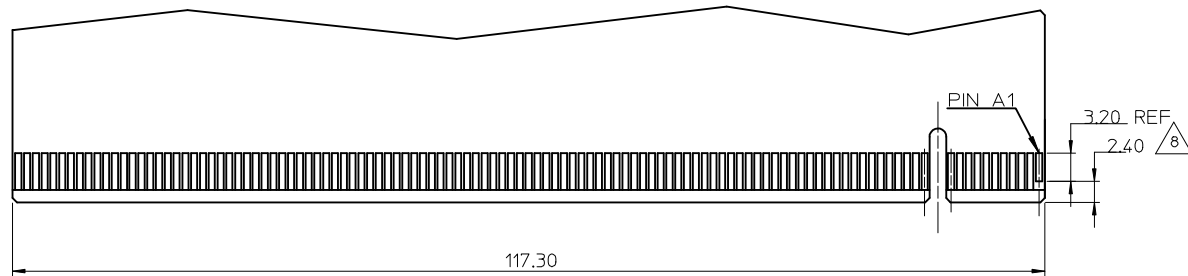
- NOTES:
- 1.MATERIALS:
1-1.HOUSING:SEE TABLE GLASS FIBER FILLED UL94V-0
COLOR:SEE TABLE
1-2.CONTACT:SEE TABLE
 - 2.PLATING:
2-1.CONTACT AREA: GOLD, THICKNESS : SEE TABLE
2-2.SOLDER TAIL: 100 MICROINCH MIN TIN
2-3.UNDER PLATING: 50 MICROINCH MIN NICKEL OVERALL
 - 3.DATE CODE:TO BE PRINTED
 - 4.PRODUCT SPECIFICATION REFER TO PS-87715-200
 - 5.PACKAGE SPECIFICATION REFER TO PK-87715-202
 - 6.TEST SUMMARY:REFER TO TS-87715-202
 - 7.LEAD FREE AND RoHS COMPLIANT PRODUCT.

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	DIM B
87715-3908	230	NYLON 46	BLACK	PHOSPHOR BROZNE	15 MNCH	2.54
87715-3909					30 MNCH	3.00
87715-3999						3.00

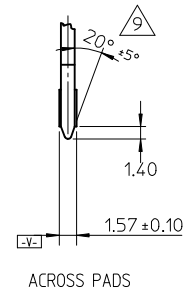
ADD P/N, NOTE 2 EC NO: S2010-0318 DRWN: JESSIECHUA 2009/10/14 CHKD: KSHANTHA 2009/10/14 APPR: NAGESHKN 2009/10/15 D1	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		F_A=0 F_G=0 F_P=0		mm	INCH	DRAWN BY	DATE	TITLE 1.0 EDGE CARD 230 CKTS VERTICAL DIP CONNECTOR (LEAD FREE VERSION)			
			4 PLACES	± ---	± ---	TOM	2003/12/25				
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.25	± ---	SAM SIN	2003/12/25				
		1 PLACE	± 0.25	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED				
		ANGULAR ± 3 °		WLISON	2003/12/25						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87715-202		SHEET NO. 1 OF 2			
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



DAUGHTER CARD
PRIMARY (COMPONENT) SIDE



DAUGHTER CARD
SECONDARY (SOLDER) SIDE



NOTE:

- 8 NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN A1, B17, B31, B48, B81, B114
- 9 CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- 10. THE MATED CARD COMPLY WITH PCI EXPRESS CARD REV 1.0 STANDARD
- 11. PIN 1 IDENTIFIER

ADD P/N, NOTE 2		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO:	REV		mm	INCH	MM ONLY	DATE	NTS	METRIC		
S2010-0318		$F_A=0$	4 PLACES	± ---	DRAWN BY	2003/12/25			1.0 EDGE CARD 230 CKTS VERTICAL DIP CONNECTOR (LEAD FREE VERSION) MOLEX INCORPORATED	
DRWN: JESSIECHUA		$F_G=0$	3 PLACES	± ---	CHECKED BY	2003/12/25				
CHKD: KSHANTHA		$F_P=0$	2 PLACES	± 0.25	SAM SIN	2003/12/25				
APPR: NAGESHKN			1 PLACE	± 0.25	APPROVED BY	2003/12/25				
			ANGULAR ± 3 °		WLISON	2003/12/25				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE TABLE			
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
					A3					

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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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