

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0877159920

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch, Edge Card Connector, 200 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm (30µ") Gold (Au) Plating, with Plastic Pegs, 2.54mm (.100") Solder tail, Lead Free

Agency Certification	
CSA	LR19980
General	
Product Family	Edge Card Connectors
Series	87715
Component Type	Edgecard to PCB
Overview	edge_card_connectors
Product Name	Edge Card
Physical	
Circuits (Loaded)	200
Circuits (maximum)	200
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
PC Tail Length (in)	0.100 In
PC Tail Length (mm)	2.54 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 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)	30
Plating min: Mating (µm)	0.76
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
Solder Process Data	
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-87715-212
Product Specification	PS-87715-200

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

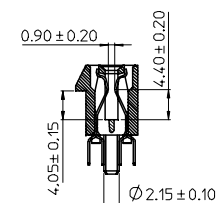
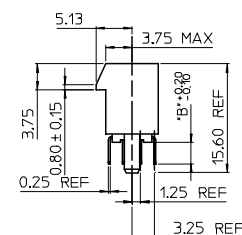
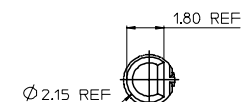
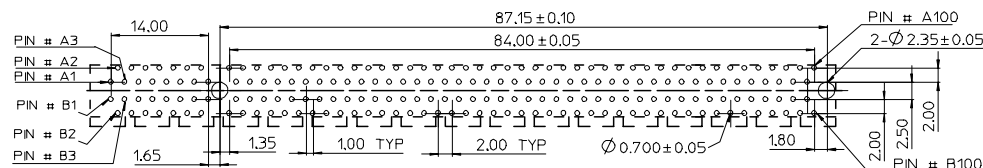
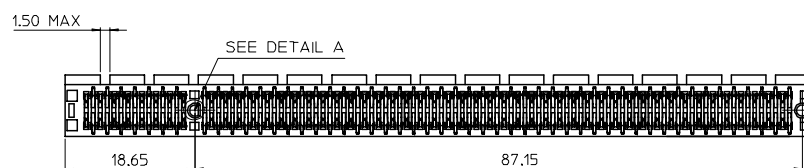
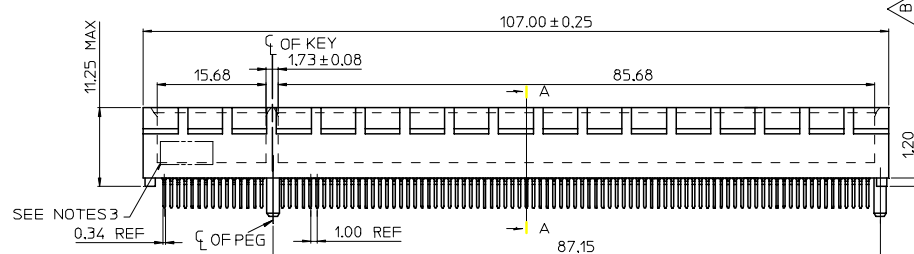
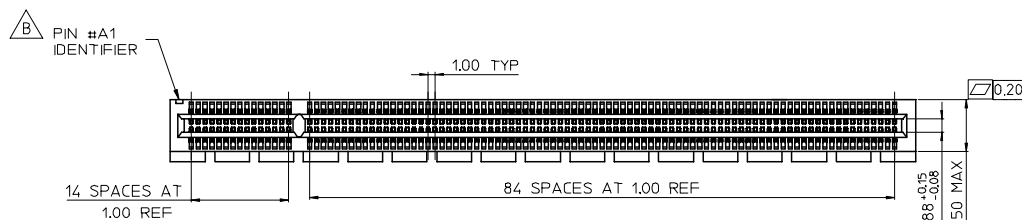
1.0mm Thick Memory Module

This document was generated on 06/04/2010

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7 6 5 4 3 2 1

MOLEX P/N	CIRCUIT SIZE	HOUSING MATERIAL	HOUSING COLOR	TERMINAL MATERIAL	CONTACT PLATING	SOLDERTAIL PLATING	DIM 'B'
87715-9920	200	NYLON46	BLACK	PHOSPHOR BRONZE	GOLD 30 MICROINCH	100 MICROINCH TIN OVER NICKEL OVERALL	2.54
87715-9921							3.00



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

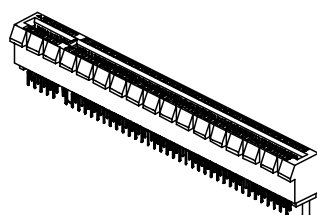
3.DATE CODE:TO BE PRINTED

4.PRODUCT SPECIFICATION REFER TO PS-87715-200

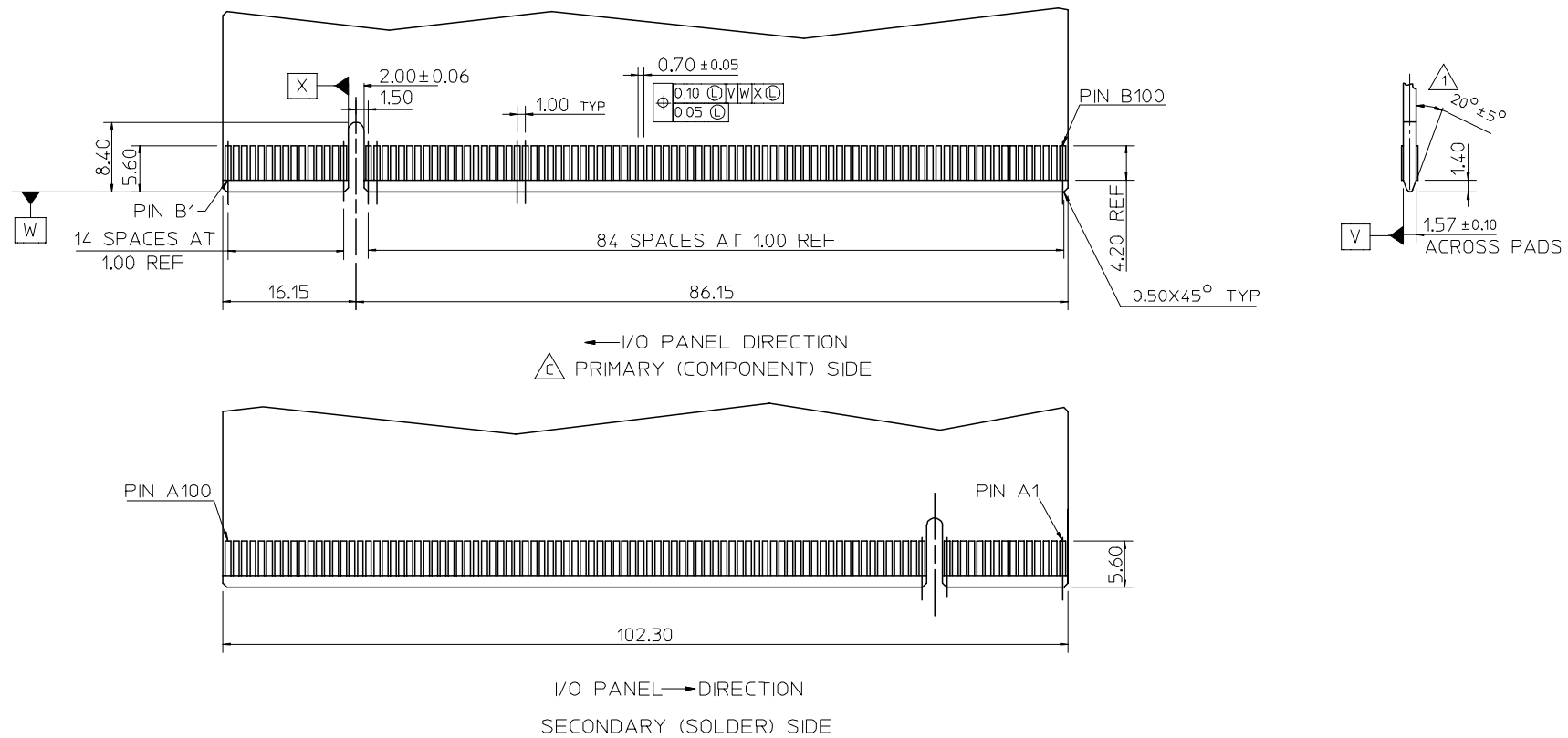
5.PACKAGING SPECIFICATION REFER TO PK-87715-212

6.TEST SUMMARY:REFER TO TS-87715-212

7.LEAD-FREE AND ROHS COMPLIANT PRODUCT



DRAWING ERROR EC NO: SH2007-0602 DRWN:ALL IN CHKD: APPR:WWSCHANG	DESCRIPTION 2007/02/14 2007/02/14 2007/02/14	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY	DATE	TITLE		
			4 PLACES	± ---	± ---	TOM	2005/03/13	1.00 PITCH EDGE CARD 200 PIN VERT DIP CONN		
			3 PLACES	± ---	± ---	CHECKED BY	DATE			
			2 PLACES	± 0.25	± ---	ALLEN LIN	2005/03/13			
			1 PLACE	± 0.25	± ---	APPROVED BY	DATE			
			ANGULAR ± 3 °			WILSON CHANG	2005/03/13	molex MOLEX INCORPORATED		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
						SEE TABLE		SD-87715-212		1 OF 2
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



NOTES :
 1. CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

SEE SHEET 1 EC NO: SH2007-0602 DRWN: ALL IN CHKD: APPR: WWSCHANG	DESCRIPTION REV	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY TOM	DATE 2005/03/13	TITLE 1.00 PITCH EDGE CARD 200 PIN VERT DIP CONN				
			4 PLACES	± ---	± ---	CHECKED BY ALLEN LIN	DATE 2005/03/13	MOLEX INCORPORATED				
			3 PLACES	± ---	± ---	APPROVED BY WILSON CHANG	DATE 2005/03/13					
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-87715-212		SHEET NO. 2 OF 2	
			1 PLACE	± 0.25	± ---							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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