

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0890746821

Status:

Active

Description:

1.27mm Pitch PC Card Receptacle - Straddle Mount, Offset Tail Versions

Replacement Part Number:

None

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General	
Product Family	Memory Card Sockets
Series	89074
Button Type	N/A
Comments	Offset Style 2
Component Type	Receptacle (Card)
Obsolete Date	2004/08/01
Product Name	PC Card
Replacement Part Number	None
Type	I, II
Physical	
Card Detection Switch	N/A
Circuits (Loaded)	68
Durability (mating cycles max)	10,000
Ejector Button Side	No Ejector Button Present
Entry Angle	Straddle
Keying to Mating Part	None
PCB Mounting Side	N/A
PCB Retention	None
PCB Thickness Recommended (in)	0.016 In, 0.020 In
PCB Thickness Recommended (mm)	0.40 mm, 0.50 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Ports	1
Temperature Range - Operating	-20°C to +85°C
Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	100V AC
Voltage Key	3.3V, 5.0V

Material Info

EU RoHS

Compliance Status

Not Reviewed

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.

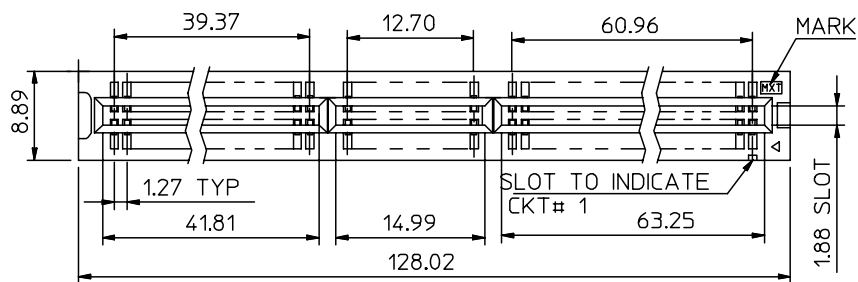
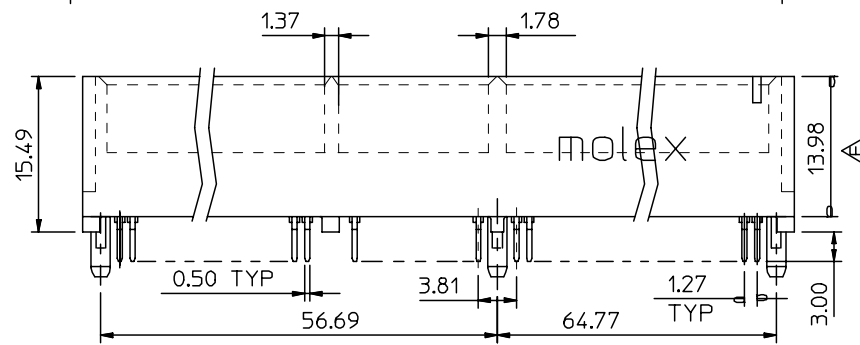
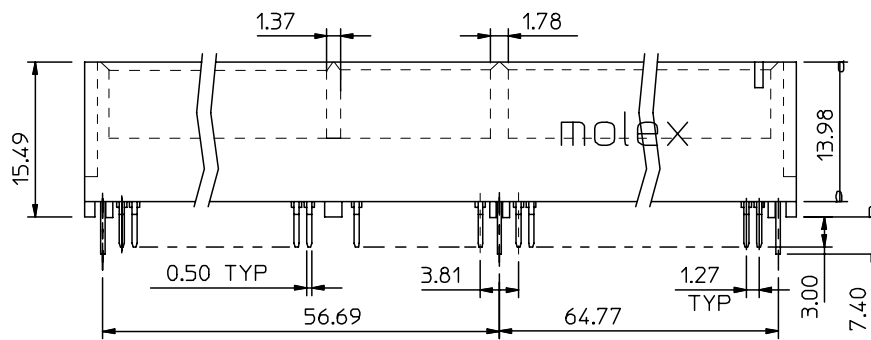
Search Parts in this Series

89074Series

Mates With

PC Card Headers

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NOTES:

1. MATERIAL:

HOUSING : PPS

TERMINAL: PHOSPHOR BRONZE



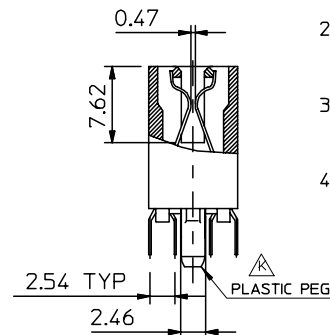
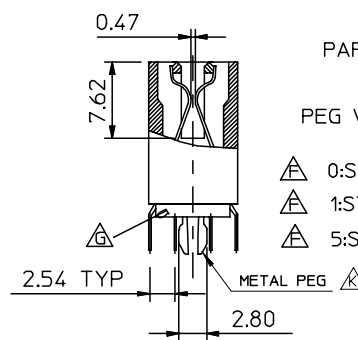
2.FINISH 0 - GOLD FLASH IN CONTACT AREA, 1.52um/60uin MIN. TIN/LEAD IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

1 - 0.25um/10uin MIN. GOLD IN CONTACT AREA, 1.52um/60uin MIN. TIN/LEAD IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

2 - 0.38um/15uin MIN. GOLD IN CONTACT AREA, 1.52um/60uin MIN. TIN/LEAD IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

3 - 0.76um/30uin MIN. GOLD IN CONTACT AREA, 1.52um/60uin MIN. TIN/LEAD IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.

4 - 0.50um/20uin MIN. GOLD IN CONTACT AREA, 1.52um/60uin MIN. TIN/LEAD IN SOLDER TAIL, BOTH OVER 0.76um/30uin MIN. NICKEL OVERALL.



PART NO. LEGEND : 89177 - 92**

PEG VERSION, COLOR PLATING VERSION (REFER TO NOTES 2)

- 0:STANDARD , BROWN , 5V, PLASTIC PEG
- 1:STANDARD , WHITE , 5V, PLASTIC PEG
- 5:STANDARD , WHITE , 5V, METAL PEG

PER EWR 2006-0035	EC NO: SH2006-0520	DRWN:ALLIN	2006/06/26
	CHKD:	APPR:WWSCHANG	2006/06/30
REV	DESCRIPTION	QUALITY SYMBOLS	

QUALITY SYMBOLS
▽=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE MM ONLY

DRAWN BY	DATE
SANORD	96/06/06
CHECKED BY	DATE
SAM HUAN	96/06/06
APPROVED BY	DATE
MEGA	96/06/06

MATERIAL NO. SEE TABLE

SIZE A3

SCALE 2:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

ASS'Y 1.27MM EDGE CARD CONNECTOR 184 CKT (3.3V & 5 V)

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DOCUMENT NO. SD-89177-92**

SHEET NO. 1 OF 4

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

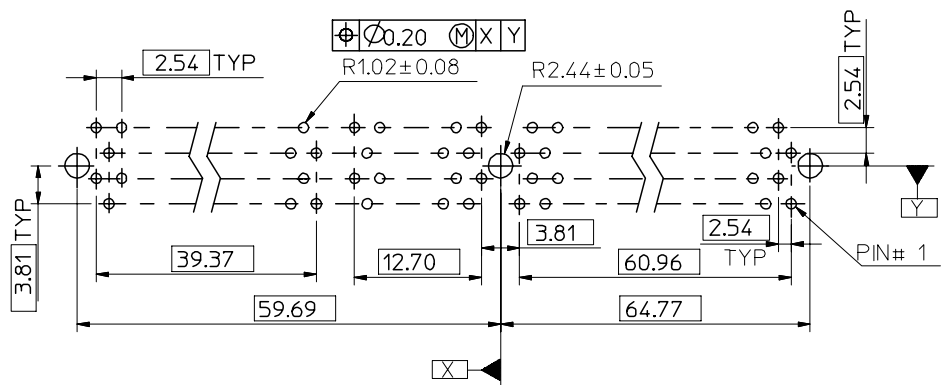
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D

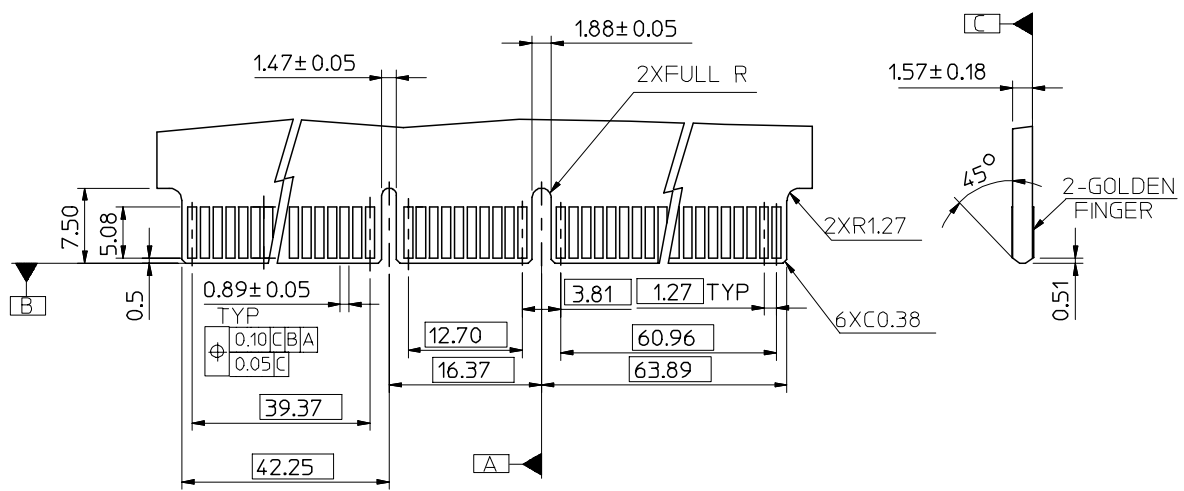
C

B

A



RECOMMENDED P.C. BOARD PATTERN



RECOMMENDED MATING P.C. BOARD EDGE CONFIGURATION

SEE SHEET 1 EC NO: SH2006-0520 DRWN:ALLIN CHKD: APPR:WWSCHANG	2006/06/26 2006/06/27 2006/06/30	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE ASS'Y 1.27MM EDGE CARD CONNECTOR 184 CKT (3.3V & 5 V)						
						DRAWN BY SANORD	DATE 96/06/06	DATE 96/06/06	DATE 96/06/06								
						CHECKED BY SAM HUAN	DATE 96/06/06										
						APPROVED BY MEGA											
								ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
								DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		SD-89177-92**		2 OF 4	
												SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10 9 8 7 6 5 4 3 2 1

SLOT TO INDICATE
CKT# 1

MARK

NOTES:

1. MATERIAL:

HOUSING : PPS

TERMINAL: PHOSPHOR BRONZE



2.FINISH 0 - GOLD FLASH IN CONTACT AREA, 1.52um/60uin
MIN. TIN/LEAD IN SOLDER TAIL, BOTH OVER 0.76um/
30uin MIN. NICKEL OVERALL.

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PART NO. LEGEND : 89177 - 92**

PEG VERSION, COLOR PLATING VERSION
(SEE NOTES2)

△2 : STANDARD , BROWN , 3.3V, PLASTIC PEG

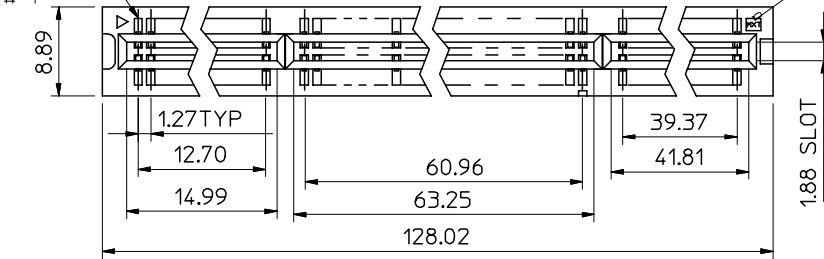
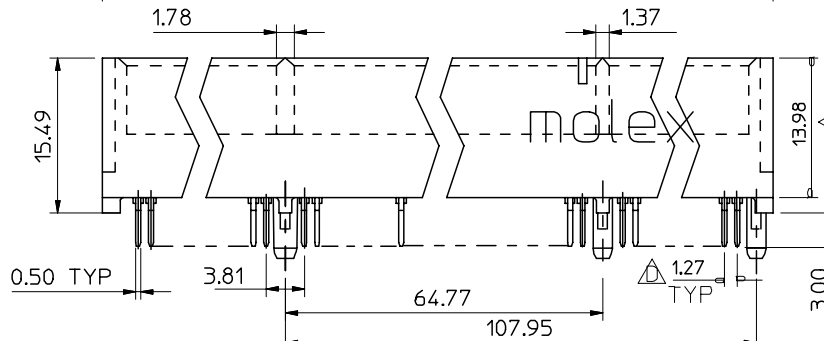
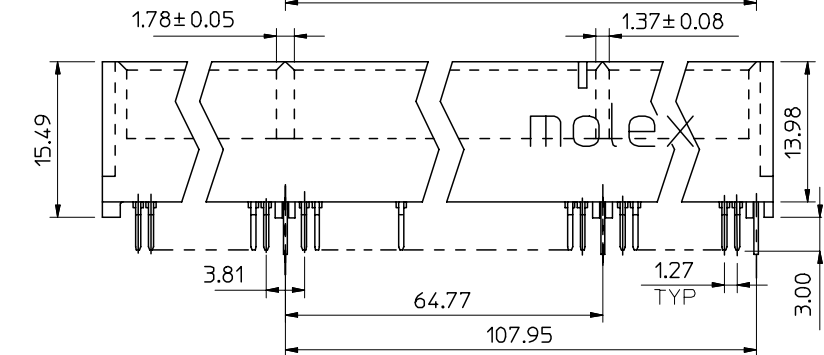
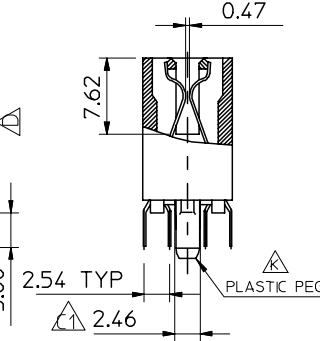
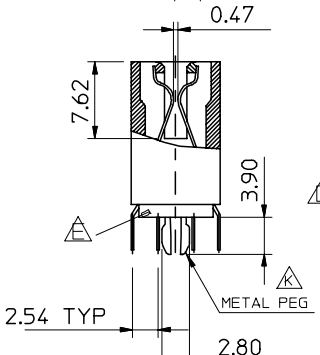
△3 : STANDARD , WHITE , 3.3V, PLASTIC PEG

△4 : STANDARD , RED , 3.3V, PLASTIC PEG

△6 : STANDARD , WHITE, 3.3V, METAL PEG

△7 : STANDARD , GREEN , 3.3V, PLASTIC PEG
(PANTON COLOR 365C)

△8 : STANDARD , BLACK , 3.3V, PLASTIC PEG



SEE SHEET 1
EC NO: SH2006-0520
DRAWN: L
CHKD: L
APPR: WWSCHANG
REV

QUALITY
SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
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3 PLACES	± ---	± ---
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ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
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CHECKED BY	DATE
SAM HUAN	96/06/06
APPROVED BY	DATE
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MATERIAL NO.
SIZE A3

SCALE
2:1

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METRIC

THIRD ANGLE
PROJECTION

TITLE
ASS'Y 1.27MM EDGE CARD
CONNECTOR 184 CKT
(3.3V & 5 V)

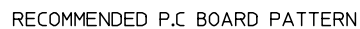
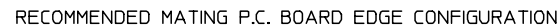
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DOCUMENT NO.
SD-89177-92**

SHEET NO.
3 OF 4

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Rev. D 2004/06/28