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Part Number: [0353170221](#)
Status: **Active**
Overview: [minifit_jr](#)
Description: 4.20mm (.165") Pitch Mini-Fit® Header, Dual Row, Vertical, 2 Circuits, PA Polyamide (Nylon) 6/6 94V-2, Black

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

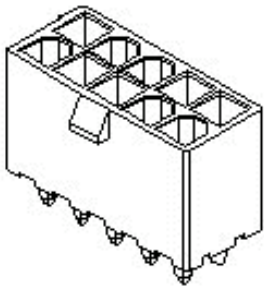
General

Product Family PCB Headers
Series [35317](#)
Application Wire-to-Board
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit Plus HCS™ Crimp Terminal Crimped to to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.

Overview [minifit_jr](#)
Product Name Mini-Fit®

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-2
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.138 In
PC Tail Length (mm) 3.50 mm
PCB Locator Yes
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Pitch - Mating Interface (in) 0.165 In
Pitch - Mating Interface (mm) 4.20 mm
Polarized to PCB No
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Not Reviewed
**Halogen-Free
Status**

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
[35317Series](#)

Mates With
[5557](#) Mini-Fit Jr.™ Receptacle Housing

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	250V

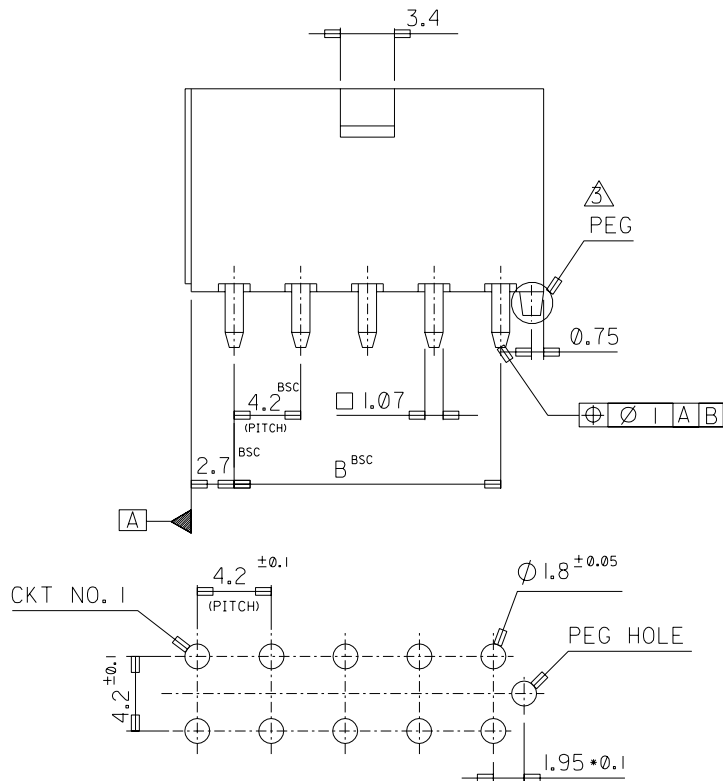
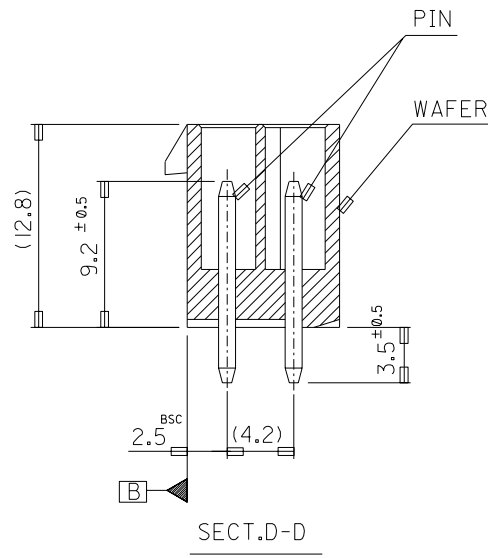
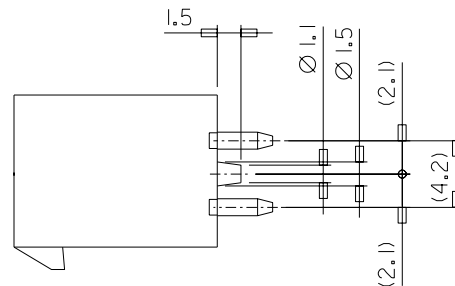
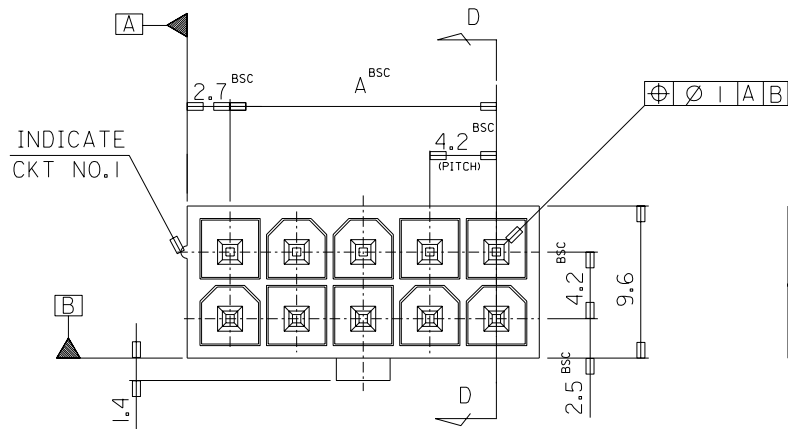
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-35317-001
Product Specification	RPS-35317-001
Sales Drawing	SD-35317-001

This document was generated on 05/24/2010

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RECOMMENDED P.C.BOARD PATTERN

REVISED
KOR2003-0259
K.S.KIM 2003.5.23
J.K.OH
C.W.LEE

C

NOTES

1. WHEN MATED WITH 5557-NR
TO BE SURELY LOCKED.
2. MATERIAL: WAFER — NYLON66 UL94V-0
NYLON66 UL94V-2

PIN — BRASS(TIN PLATED)

△ MOLD PEG IS 35317-***3*, -***4* ONLY.

LEGEND

35317 - ** * *

COLOR - 0: NATURAL
1: BLACK
2: RED
3: YELLOW
4: BLUE
6: GREEN
7: BROWN

- 1: NYLON66 UL94V-0
- 2: NYLON66 UL94V-2
- 3: NYLON66 UL94V-0(WITH PEG)
- 4: NYLON66 UL94V-2(WITH PEG)

CKT

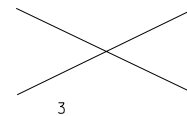
46.2	3531724**	35317 -24**	24
42.0	3531722**	-22**	22
37.8	3531720**	-20**	20
33.6	3531718**	-18**	18
29.4	3531716**	-16**	16
25.2	3531714**	-14**	14
21.0	3531712**	-12**	12
16.8	3531710**	-10**	10
12.6	3531708**	-08**	8
8.4	3531706**	-06**	6
4.2	3531704**	-04**	4
—	3531702**	-02**	2
A	Material No.	ENG. NO.	CIRCUIT

3:1 X

D.J.KIM 1993.05.01

J.K.OH

C.W.LEE



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SD35317.DGN

SEE TABLE

SD-35317-001

1/1

NEW MINIFIT CONN.
WAFER ASS'Y