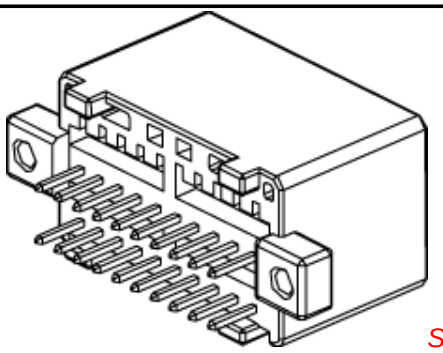
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Part Number: 0681512016
Status: Active
Description: 2.50mm (.098") Pitch Wire-to-Board Header, 1.02mm (.040") Tab, Vertical, 20 Circuits, White



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-68151-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	68151
Application	Wire-to-Board
Product Name	N/A

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	White
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.146 In
PC Tail Length (mm)	3.70 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)	0.098 In
Pitch - Mating Interface (mm)	2.50 mm
Plating min: Mating (µin)	32
Plating min: Mating (µm)	0.80
Plating min: Termination (µin)	32
Plating min: Termination (µm)	0.80
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-30°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	5A
Voltage - Maximum	12V

Material Info

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
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
68151Series

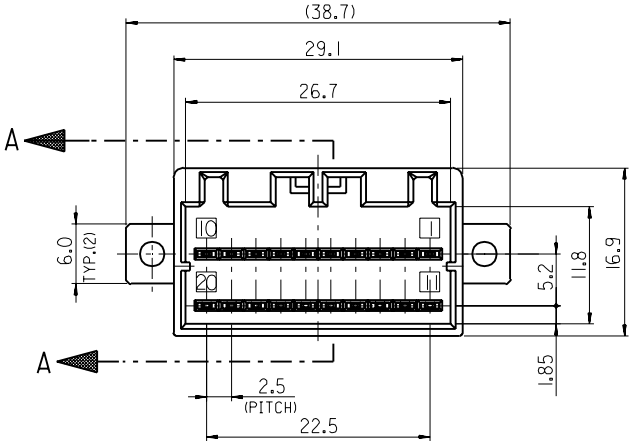
Mates With
35564 Wire-to-Board Housing

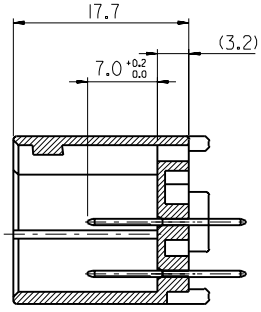
Reference - Drawing Numbers

Product Specification	PS-68151-001
Sales Drawing	SD-68151-001

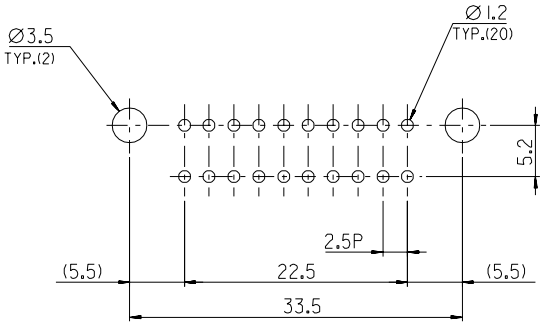
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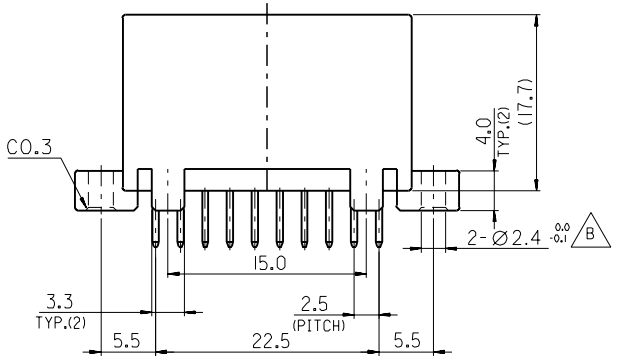


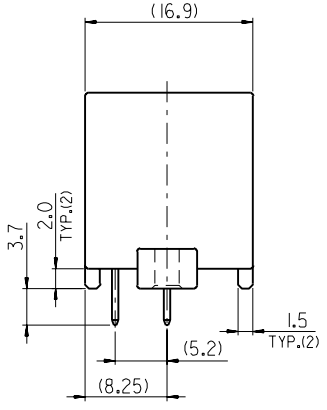


SECT.A-A



RECOMMENED P.C.B HOLE DIM.(MOUNT SIDE)





NOTES

1. APPLICABLE FEMALE HOUSING : 35564-2015
2. APPLICABLE FEMALE TERMINAL : 50654-1001, 50655-1068
   50655-1031
3. MATERIAL: HOUSING-POLYESTER (PBT), COLOR-GRAY
   TERMINAL-BRASS, FINISH-TIN PLATING

REVISED	EC NO. KOR2005-0008 DRWN: S.M.KIM 04/11/24 CH'K: B.C.YOON 04/11/24 APPR: C.W.LEE	DESCRIPTION	QUALITY SYMBOLS: MAJOR ▼=0, CRITICAL (C)=0	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm / INCH: 4 PLACES ±0. / ±.; 3 PLACES ±0. / ±.; 2 PLACES ±0.20 / ±.; 1 PLACE ±0.30 / ±.; ANGULAR: ± 1 °	SCALE 2:1	DESIGN UNITS ☒mm ☐INCH	THIRD ANGLE PROJECTION	DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY
B		REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY & DATE Y.SIK.KIM 99/05/12	CHECKED BY & DATE B.K.CHOI 99/05/12	APPROVED BY & DATE C.W.LEE 99/05/13	CAD FILENAME sd68151_2.dgn	

SHT | REV: REVISE ON CAD ONLY

TITLE: 040 WIRE TO BOARD CONNECTOR 20P HEADER ASS'Y (VERTICAL)

MOLEX INCORPORATED

MATERIAL NO.	DRAWING NO.	SHEET NO.
68151-2015	SD-68151-001	1 OF 1

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SIZE B

DWG. NO. SD-68151-001 | SIMILAR ITEM | PROJECT NO. | DO NOT SCALE DRAWING DIMENSION IN METRIC

MX-A3