

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0681512016

Status:

Active

Description:

2.50mm (.098") Pitch Wire-to-Board Header, 1.02mm (.040") Tab, Vertical, 20 Circuits, White

Documents:

3D Model

Drawing (PDF)

Product Specification PS-68151-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Product Name

PCB Headers

68151

Wire-to-Board

N/A

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

20

20

White

50

No

No

No

None

Yes

Brass

Tin

Tin

Polyester

2

Vertical

0.146 In

3.70 mm

Yes

Yes

0.062 In

1.60 mm

Tray

0.098 In

2.50 mm

32

0.80

32

0.80

Partial

No

No

-30°C to +85°C

Through Hole

Electrical

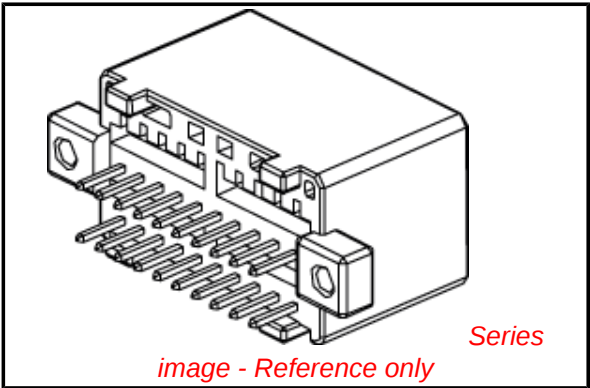
Current - Maximum per Contact

Voltage - Maximum

5A

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
Sales Drawing

PS-68151-001
SD-68151-001

This document was generated on 04/07/2010

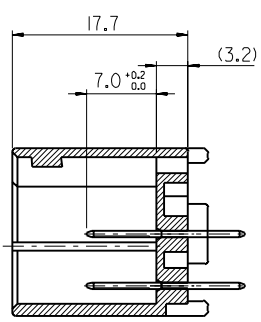
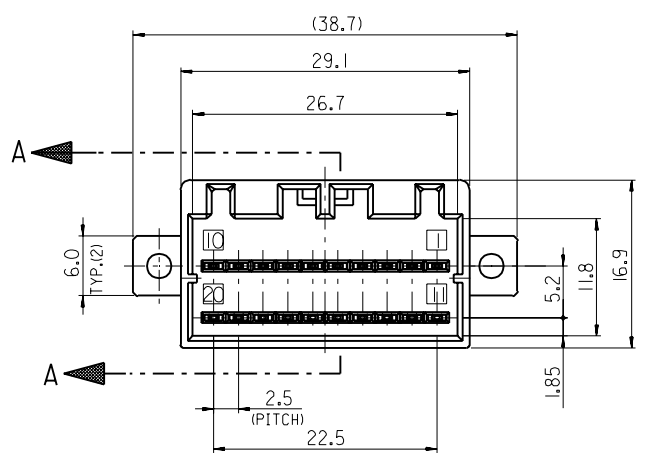
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DO NOT SCALE DRAWING
DIMENSION IN METRIC

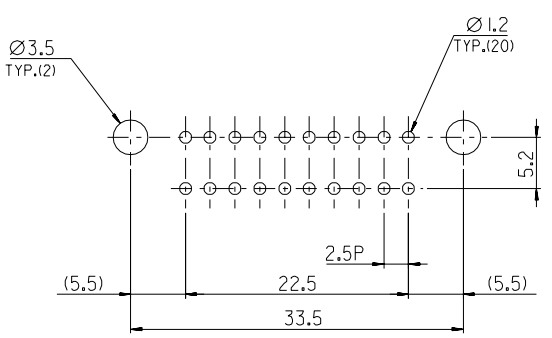
PROJECT NO.

SIMILAR ITEM

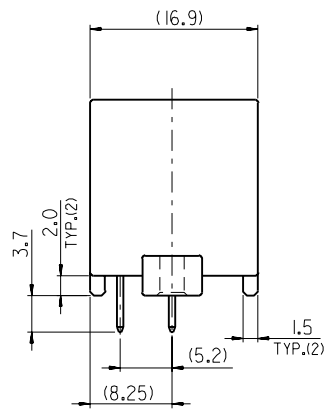
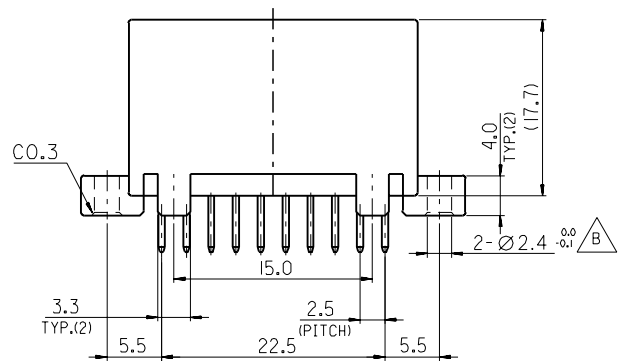
DWG. NO. SD-68151-001



SECT.A-A



RECOMMEN 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 CHK: B.C.YOON 04/11/24 APPR: C.W.LEE	DESCRIPTION	QUALITY SYMBOLS MAJOR △=0 CRITICAL ▽=0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☐ mm ☒ ONLY		SHT	REV		
													REVISION ON CAD ONLY	
									DRAWN BY & DATE Y.SIK.KIM 99/05/12		TITLE: 040 WIRE TO BOARD CONNECTOR 20P HEADER ASS'Y (VERTICAL)			
									CHECKED BY & DATE B.K.CHOI 99/05/12					
									APPROVED BY & DATE C.W.LEE 99/05/13					
						MOLEX MOLEX INCORPORATED								
				ANGULAR: ± 1 °		CAD FILENAME sd681512.dgn		MATERIAL NO. 68151-2015		DRAWING NO. SD-68151-001		SHEET NO. 1 OF 1		
B	REV	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.								SIZE B