

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0684291815

Status:

Planned for Obsolescence

Description:

5.05mm (.198") Pitch Wire-To-Board Connector Housing, 3 Raw, 18 Circuits

Documents:

3D Model

Product Specification PS-49003-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

68429

Application

Wire-to-Board

Product Name

N/A

Physical

Breakaway

No

Circuits (Loaded)

18

Circuits (maximum)

18

Durability (mating cycles max)

30

First Mate / Last Break

No

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Mated Height (in)

0.984 In, 1.016 In

Mated Height (mm)

25.00 mm, 25.80 mm

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Number of Rows

3

Orientation

Vertical

PC Tail Length (in)

0.118 In

PC Tail Length (mm)

3.00 mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness Recommended (in)

0.070 In

PCB Thickness Recommended (mm)

1.80 mm

Packaging Type

Bag

Pitch - Mating Interface (in)

0.198 In

Pitch - Mating Interface (mm)

5.03 mm

Polarized to Mating Part

Yes

Shrouded

Partial

Stackable

Yes

Temperature Range - Operating

-40°C to +120°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

4A

Voltage - Maximum

250V DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-49003-001

Sales Drawing

SD-68429-001

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

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

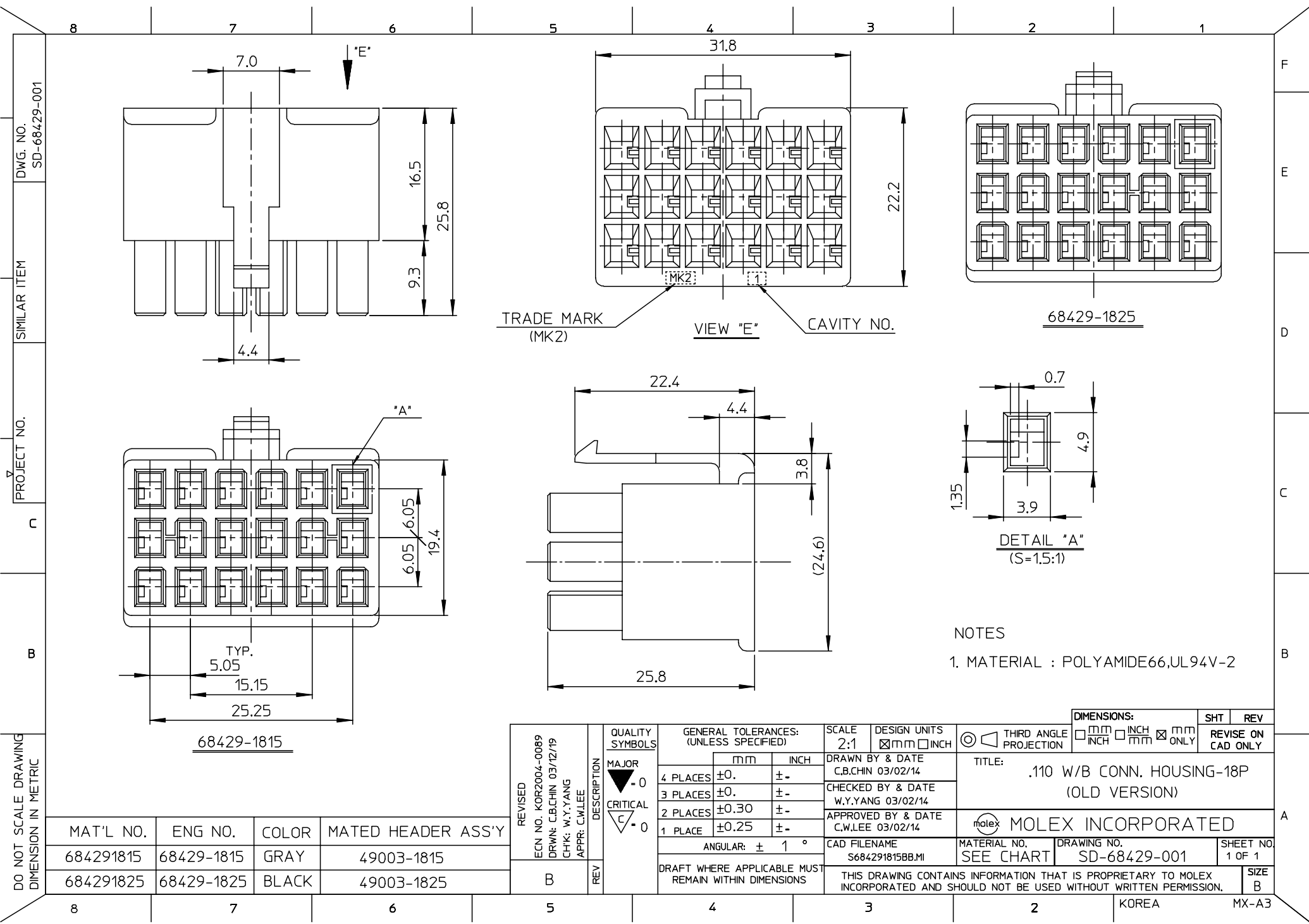
68429Series

Mates With

49003 Wire-to-Board Header

This document was generated on 06/07/2010

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DO NOT SCALE DRAWING
DIMENSION IN METRIC

MAT'L NO.	ENG NO.	COLOR	MATED HEADER ASS'Y
684291815	68429-1815	GRAY	49003-1815
684291825	68429-1825	BLACK	49003-1825

REVISED ECN NO. KOR2004-0089 DRWN: C.B.CHIN 03/12/19 CHK: W.Y.YANG APPR: C.W.LEE	DESCRIPTION	QUALITY SYMBOLS MAJOR $\blacktriangle$ = 0 CRITICAL ∇ = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT	REV
			4 PLACES	$\pm 0.$	$\pm$	DRAWN BY & DATE C.B.CHIN 03/02/14		TITLE: .110 W/B CONN. HOUSING-18P (OLD VERSION)			
			3 PLACES	$\pm 0.$	$\pm$	CHECKED BY & DATE W.Y.YANG 03/02/14					
			2 PLACES	± 0.30	$\pm$	APPROVED BY & DATE C.W.LEE 03/02/14					
			1 PLACE	± 0.25	$\pm$			MOLEX INCORPORATED			
			ANGULAR: $\pm 1^\circ$			CAD FILENAME S684291815BB.MI		MATERIAL NO. SEE CHART	DRAWING NO. SD-68429-001	SHEET NO. 1 OF 1	
			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

NOTES
1. MATERIAL : POLYAMIDE66,UL94V-2