

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0495180292

Status:

Active

Description:

3.96mm (.156") Pitch Wire-to-Board Retainer, 2 Circuits, UL94V-2, Red

Documents:

Drawing (PDF)

Product Specification PS-49517-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Component Type

Product Name

Accessories

49518

Retainer

TPA™ - Term Pos Assurance

Physical

Circuits (Loaded)

Color - Resin

Lock to Mating Part

Material - Resin

Number of Rows

Packaging Type

Temperature Range - Operating

2

Natural

Yes

Nylon

0

Bag

-25°C to +85°C

Material Info

Reference - Drawing Numbers

Packaging Specification

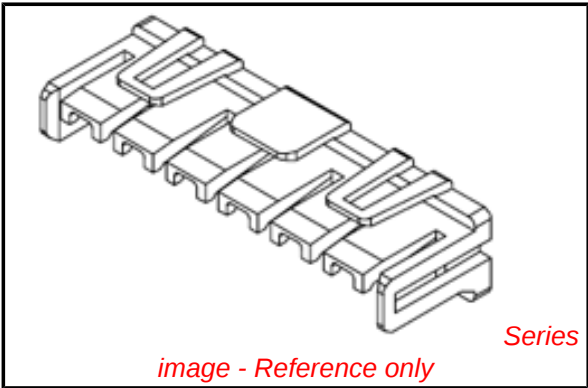
Product Specification

Sales Drawing

PK-49518-001

PS-49517-001

SD-49518-001



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto: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.

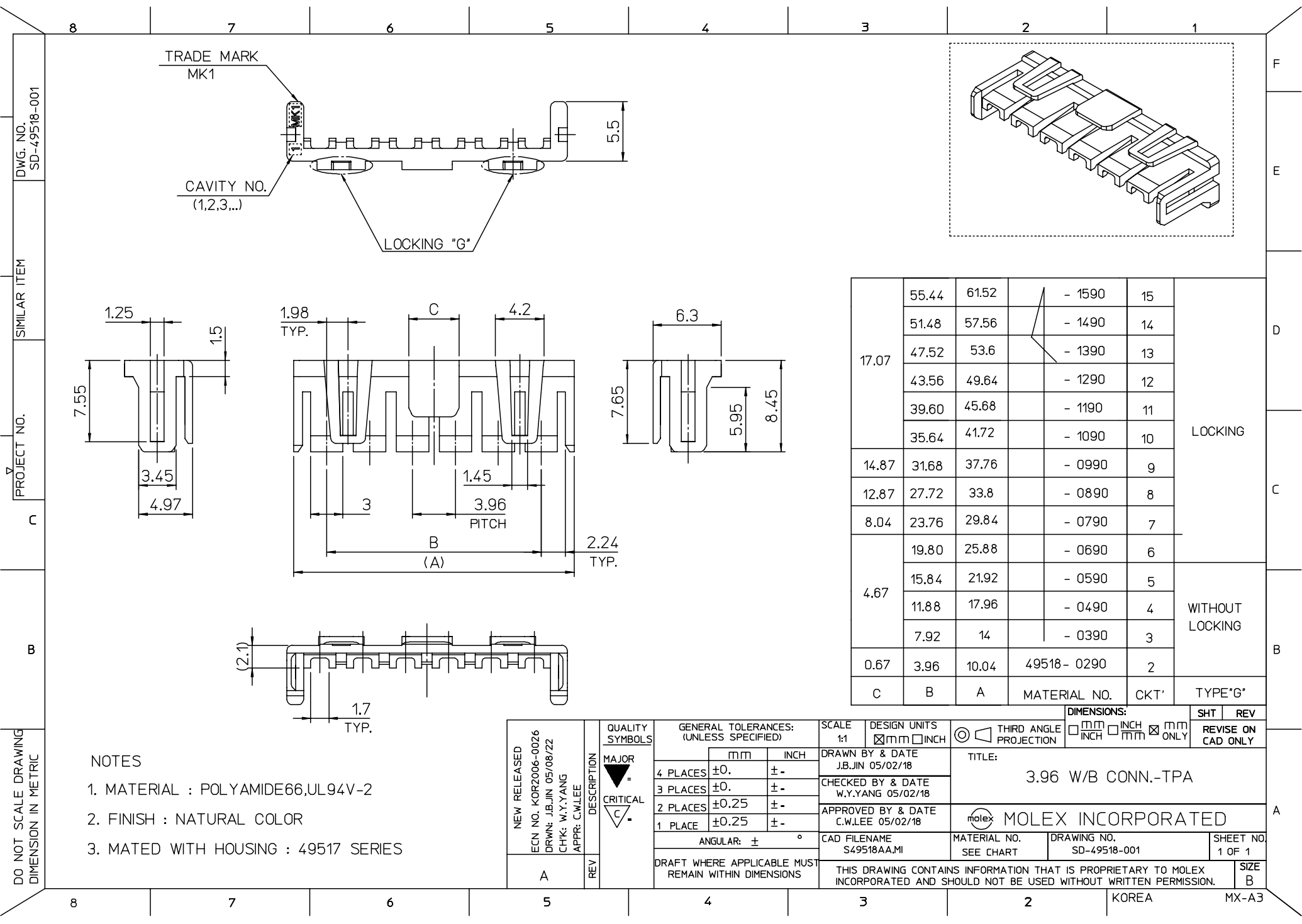
Search Parts in this Series

49518Series

Use With

49517 Wire-to-Board Female Housing

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



DO NOT SCALE DRAWING  
DIMENSION IN METRIC

B

C

PROJECT NO.

SIMILAR ITEM

DWG. NO.  
SD-49518-001

NOTES

- 1. MATERIAL : POLYAMIDE66,UL94V-2
- 2. FINISH : NATURAL COLOR
- 3. MATED WITH HOUSING : 49517 SERIES

NEW RELEASED  
ECN NO. KOR2006-0026  
DRWN: J.B.JIN 05/08/22  
CHK: W.Y.YANG  
APPR: C.W.LEE

A

DESCRIPTION

REV

QUALITY SYMBOLS

MAJOR

CRITICAL

GENERAL TOLERANCES:  
(UNLESS SPECIFIED)

|          | mm    | INCH |
|----------|-------|------|
| 4 PLACES | ±0.   | ±.   |
| 3 PLACES | ±0.   | ±.   |
| 2 PLACES | ±0.25 | ±.   |
| 1 PLACE  | ±0.25 | ±.   |

ANGULAR: ± °

DRAFT WHERE APPLICABLE MUST  
REMAIN WITHIN DIMENSIONS

SCALE  
1:1

DESIGN UNITS  
☒ mm ☐ INCH

DRAWN BY & DATE  
J.B.JIN 05/02/18

CHECKED BY & DATE  
W.Y.YANG 05/02/18

APPROVED BY & DATE  
C.W.LEE 05/02/18

CAD FILENAME  
S49518AA.MI

TITLE:  
3.96 W/B CONN.-TPA

MOLEX INCORPORATED

MATERIAL NO.  
SEE CHART

DRAWING NO.  
SD-49518-001

SHEET NO.  
1 OF 1

SIZE  
B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

|       |       |       |              |      |                    |
|-------|-------|-------|--------------|------|--------------------|
| 17.07 | 55.44 | 61.52 | - 1590       | 15   | LOCKING            |
|       | 51.48 | 57.56 | - 1490       | 14   |                    |
|       | 47.52 | 53.6  | - 1390       | 13   |                    |
|       | 43.56 | 49.64 | - 1290       | 12   |                    |
|       | 39.60 | 45.68 | - 1190       | 11   |                    |
|       | 35.64 | 41.72 | - 1090       | 10   |                    |
| 14.87 | 31.68 | 37.76 | - 0990       | 9    | WITHOUT<br>LOCKING |
| 12.87 | 27.72 | 33.8  | - 0890       | 8    |                    |
| 8.04  | 23.76 | 29.84 | - 0790       | 7    |                    |
| 4.67  | 19.80 | 25.88 | - 0690       | 6    |                    |
|       | 15.84 | 21.92 | - 0590       | 5    | WITHOUT<br>LOCKING |
|       | 11.88 | 17.96 | - 0490       | 4    |                    |
|       | 7.92  | 14    | - 0390       | 3    |                    |
| 0.67  | 3.96  | 10.04 | 49518- 0290  | 2    |                    |
| C     | B     | A     | MATERIAL NO. | CKT' | TYPE'G'            |

DIMENSIONS:

☐ mm ☐ INCH ☒ mm ONLY

SHT REV

REVISE ON  
CAD ONLY