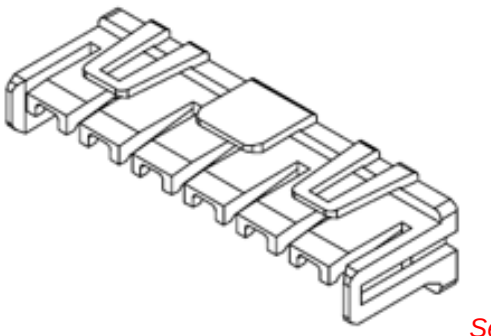
This document was generated on 06/07/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0495180390
**Status:** Active
**Description:** 3.96mm (.156") Pitch Wire-to-Board Retainer, 3 Circuits, UL94V-2, Natural



*Series image - Reference only*

**Documents:**
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-49517-001 (PDF)

## General

| | |
|---|---|
| Product Family | Accessories |
| Series | 49518 |
| Component Type | Retainer |
| Product Name | TPA™ - Term Pos Assurance |

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| Color - Resin | Natural |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Temperature Range - Operating | -40°C to +105°C |

## Electrical

| | |
|---|---|
| Current - Maximum per Contact | 7A |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | PK-49518-001 |
| Product Specification | PS-49517-001 |
| Sales Drawing | SD-49518-001 |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**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

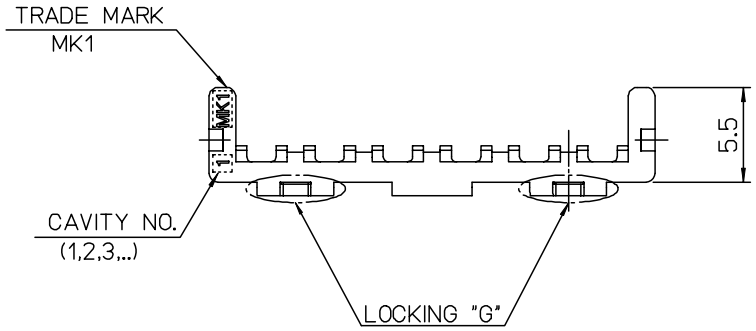
Please visit the Contact Us section for any non-product compliance questions.

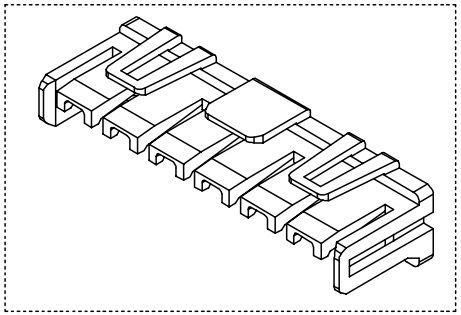
**Search Parts in this Series**
49518Series

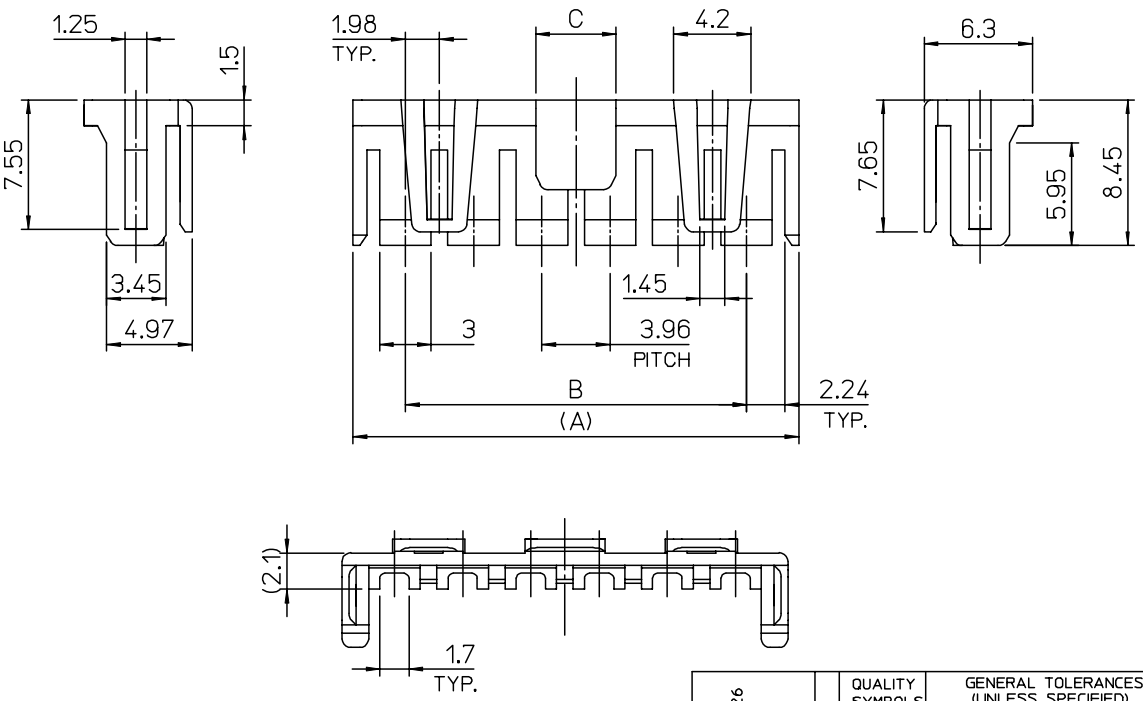
**Use With**
49517 Wire-to-Board Female Housing

This document was generated on 06/07/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**






| | | | | | |
|---|---|---|---|---|---|
| 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 | |
| 12.87 | 27.72 | 33.8 | - 0890 | 8 | |
| 8.04 | 23.76 | 29.84 | - 0790 | 7 | |
| 4.67 | 19.80 | 25.88 | - 0690 | 6 | WITHOUT LOCKING |
| | 15.84 | 21.92 | - 0590 | 5 | |
| | 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" |

NOTES

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

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

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 | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY | SHT | REV | REVISE ON CAD ONLY

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

TITLE: 3.96 W/B CONN.-TPA

MOLEX INCORPORATED

CAD FILENAME S49518AA.MI | MATERIAL NO. SEE CHART | DRAWING NO. SD-49518-001 | SHEET NO. 1 OF 1

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

SIZE B

KOREA MX-A3

DWG. NO. SD-49518-001 | SIMILAR ITEM | PROJECT NO. | DO NOT SCALE DRAWING DIMENSION IN METRIC