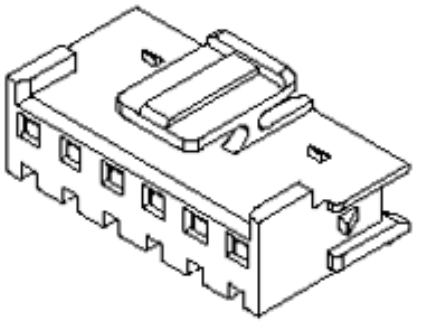
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**Part Number:** 0495170700
**Status:** Active
**Description:** 3.96mm (.156") Pitch Wire-to-Board Female Housing, 7 Circuits, Natural



*Series image - Reference only*

**Documents:**

Drawing (PDF)
Packaging Specification (PDF)
Product Specification PS-49517-001 (PDF)
RoHS Certificate of Compliance (PDF)

## Agency Certification

| | |
|---|---|
| UL | E29179 |

## General

| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 49517 |
| Product Name | N/A |

## Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (maximum) | 7 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface (in) | 0.156 In |
| Pitch - Mating Interface (mm) | 3.96 mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -25°C to +85°C |

## Electrical

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

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-49517-001 |
| Sales Drawing | SD-49517-001 |

**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**
49517Series

**Mates With**
35978 Header

**Use With**
359229002 Wire-to-Board Terminal. 49518 TPA™

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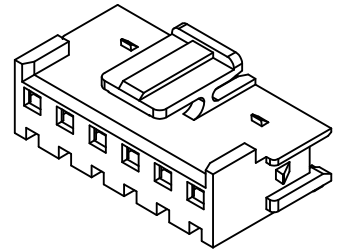
DWG. NO. SD-49517-001

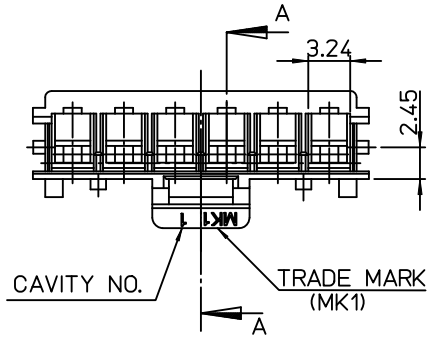
SIMILAR ITEM

PROJECT NO.

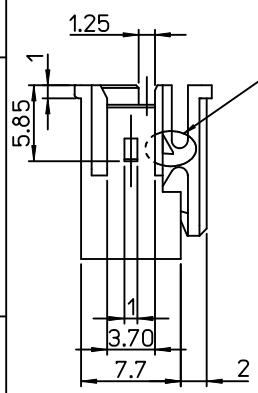
DO NOT SCALE DRAWING
DIMENSION IN METRIC

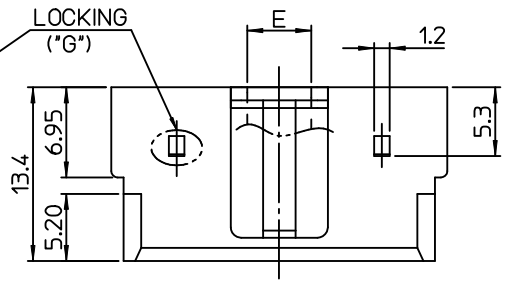
NOTES
1. MATERIAL : POLYAMIDE66,UL94V-0
2. FINISH : NATURAL COLOR
3. APPLICABLE TERMINAL : 35922-9002
4. USED WITH T.P.A : 49518 SERIES
5. MATED WITH HEADER ASS'Y : 35978 SERIES

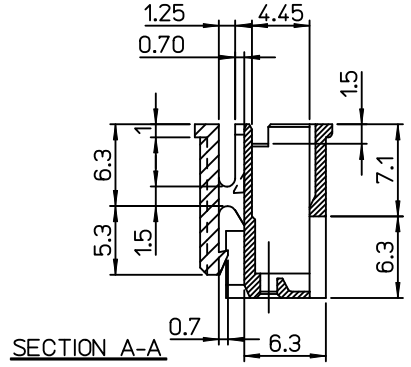


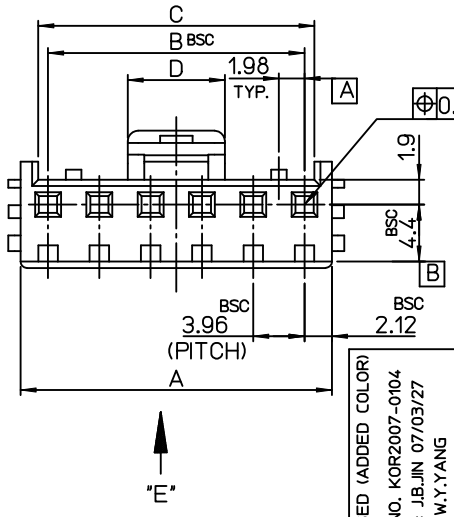


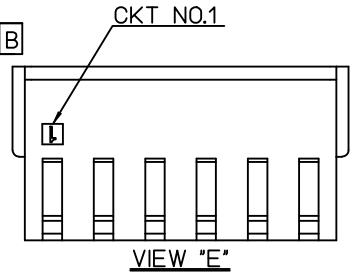

LEGEND
49517 - ** 0 *
CIRCUIT SIZE
COLOR - 0 : NATURAL COLOR
2 : RED COLOR
3 : YELLOW COLOR
4 : BLUE COLOR




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17.34 | 19.9 | 56.88 | 55.44 | 59.68 | - 150* | 15 | LOCKING |
| | | 52.92 | 51.48 | 55.72 | - 140* | 14 | |
| | | 48.96 | 47.52 | 51.76 | - 130* | 13 | |
| | | 45.00 | 43.56 | 47.80 | - 120* | 12 | |
| | | 41.04 | 39.60 | 43.84 | - 110* | 11 | |
| | | 37.08 | 35.64 | 39.88 | - 100* | 10 | |
| 15.14 | 17.7 | 33.12 | 31.68 | 35.92 | - 090* | 9 | |
| 13.14 | 15.7 | 29.16 | 27.72 | 31.96 | - 080* | 8 | |
| 8.31 | 10.87 | 25.20 | 23.76 | 28.0 | - 070* | 7 | |
| 4.94 | 7.5 | 21.24 | 19.80 | 24.04 | - 060* | 6 | |
| | | 17.28 | 15.84 | 19.82 | - 050* | 5 | WITHOUT LOCKING |
| | | 13.32 | 11.88 | 15.86 | - 040* | 4 | |
| | | 9.36 | 7.92 | 11.90 | - 030* | 3 | |
| 0.94 | 3.5 | 5.4 | 3.96 | 7.94 | 49517- 020* | 2 | |
| E | D | C | B | A | MATERIAL NO. | CKT' | TYPE"G" |

| REVISED (ADDED COLOR) | DESCRIPTION |
|---|---|
| ECN NO. KOR2007-0104 | |
| DRWN: J.B.JIN 07/03/27 | |
| CH'K: W.Y.YANG | |
| APPR: E.H.JUNG | |
| B | REV |

QUALITY SYMBOLS
MAJOR
CRITICAL (C)

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
CAD FILENAME e49517aa.mi

TITLE:
3.96 W/B CONN.HOUSING
(TPA TYPE)

MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DRAWING NO. SD-49517-001
SHEET NO. 1 OF 1

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SIZE B

KOREA MX-A3