

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0350989802

Status:

Active

Description:

MP-Lock™ Quick Disconnect with Vibration Support, Female, for 16-20 AWG (1.30-0.50mm<sup>2</sup>); Metal Strip, Tab 5.20 by 0.50mm (.205 by .020"), Pre-Tin Plated

Documents:

Drawing (PDF)

Product Specification PS-35097-001 (PDF)

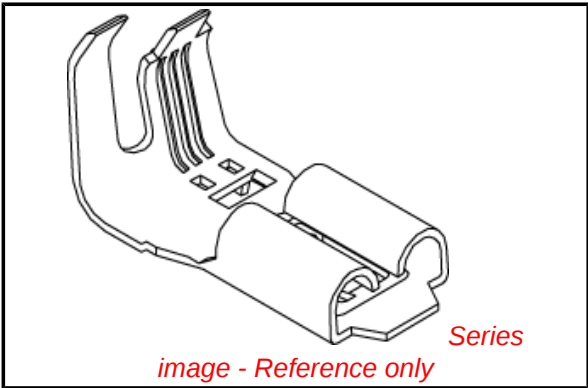
RoHS Certificate of Compliance (PDF)

| General                       |                     |
|-------------------------------|---------------------|
| Product Family                | Quick Disconnects   |
| Series                        | 35098               |
| Crimp Quality Equipment       | Yes                 |
| Product Name                  | MP-Lock™            |
| Type                          | Quick Disconnect    |
| Physical                      |                     |
| Barrel Type                   | Open                |
| Gender                        | Female              |
| Glow-Wire Compliant           | No                  |
| Insulation                    | None                |
| Lock to Mating Part           | None                |
| Material - Metal              | Brass               |
| Orientation                   | Straight            |
| Packaging Type                | Reel                |
| Polarized to Mating Part      | No                  |
| Tab Thickness                 | 0.51mm (.020")      |
| Tab Width                     | 5.21mm (.205")      |
| Temperature Range - Operating | -40°C to +120°C     |
| Wire Insulation Diameter      | 3.40mm (.134") max. |
| Wire Size AWG                 | 16, 18, 20          |
| Wire Size mm <sup>2</sup>     | 0.50 - 1.30         |

| Electrical        |      |
|-------------------|------|
| Voltage - Maximum | 250V |

Material Info

| Reference - Drawing Numbers |               |
|-----------------------------|---------------|
| Product Specification       | PS-35097-001  |
| Sales Drawing               | SD-35098-9*02 |



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](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

35098Series

Use With

5.21mm (.205") Tab

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Japan

Description

Product #

End-Feed Applicator 0573823100

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

DWG. NO.

SIMILAR ITEM

PROJECT NO.

C

B

DO NOT SCALE DRAWING  
DIMENSION IN METRIC

8

7

6

5

4

3

2

1

F

E

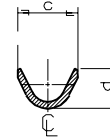
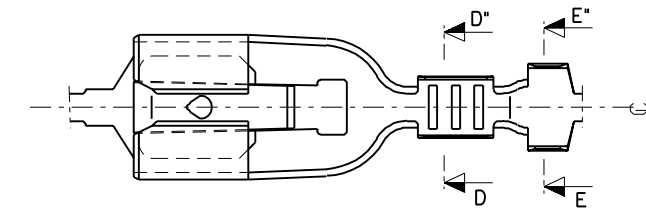
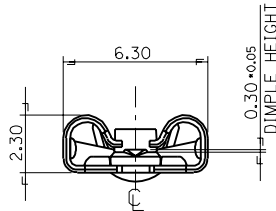
D

C

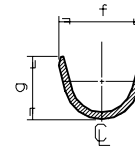
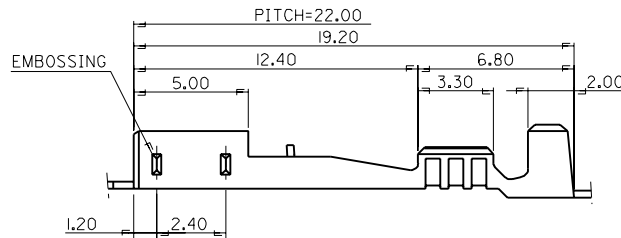
B

A

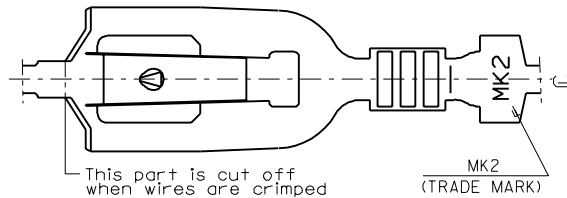
MX-A3



SECTION:D-D'



SECTION:E-E'



This part is cut off  
when wires are crimped

MK2  
(TRADE MARK)

## NOTES

1. MATERIAL: TIN-PLATED BRASS 0.30mm THICK
2. FINISH: PRE-TIN PLATING
3. MATING TAB: 0.5(+) $\times$  5.2(w)

| ENG.NO.    | DIMENSION |      |     |     | WIRE RANGE  |
|------------|-----------|------|-----|-----|-------------|
|            | c         | d    | f   | g   |             |
| 35098-9702 | 2.1       | 1.95 | 3.3 | 3.0 | AWG #26-#20 |
| 35098-9802 | 2.8       | 2.9  | 4.1 | 4.2 | AWG #20-#16 |

|                                                                                                                                |                      |                        |      |       |             |                 |                                                                                                 |  |           |                  |                                                                                      |                                                                                       |                        |                                                                                                                |                    |             |  |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|------|-------|-------------|-----------------|-------------------------------------------------------------------------------------------------|--|-----------|------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------|--------------------|-------------|--|
| REVISED                                                                                                                        | EC NO. KOR 1998-0083 | DRWN:W.Y.YANG 98/07/09 | CHK: | APPR: | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES: (UNLESS SPECIFIED)                                                          |  |           | SCALE 5:1        | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH |  | THIRD ANGLE PROJECTION | <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY                     | REVISE ON CAD ONLY |             |  |
|                                                                                                                                |                      |                        |      |       |             |                 | MAJOR<br>    |  |           | mm               | INCH                                                                                 | DRAWN BY & DATE                                                                       |                        | TITLE:                                                                                                         |                    |             |  |
|                                                                                                                                |                      |                        |      |       |             |                 | 4 PLACES                                                                                        |  |           | ±0.              | ±.                                                                                   | W.Y.YANG 96/08/26                                                                     |                        | .205 MP-LOCK<br>RECEPTACLE TERMINAL                                                                            |                    |             |  |
|                                                                                                                                |                      |                        |      |       |             |                 | CRITICAL<br> |  |           | 3 PLACES         | ±0.                                                                                  | ±.                                                                                    | CHECKED BY & DATE      |                                                                                                                |                    |             |  |
|                                                                                                                                |                      |                        |      |       |             |                 | 2 PLACES                                                                                        |  |           | ±0.30            | ±.                                                                                   | B.K.CHOI 96/08/26                                                                     |                        |                                                                                                                |                    |             |  |
| REV                                                                                                                            | D                    |                        |      |       |             |                 | 1 PLACE                                                                                         |  |           | ±0.30            | ±.                                                                                   | APPROVED BY & DATE                                                                    |                        |  MOLEX INCORPORATED KOREA |                    |             |  |
|                                                                                                                                |                      |                        |      |       |             |                 | ANGULAR: ± °                                                                                    |  |           | C.W.LEE 96/08/26 |                                                                                      |                                                                                       |                        |                                                                                                                |                    |             |  |
|                                                                                                                                |                      |                        |      |       |             |                 | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                         |  |           | CAD FILENAME     |                                                                                      | MATERIAL NO.                                                                          |                        |                                                                                                                |                    | DRAWING NO. |  |
|                                                                                                                                |                      |                        |      |       |             | S0989702.DGN    |                                                                                                 |  | SEE CHART |                  | SD-35098-9*02                                                                        |                                                                                       | 10F1                   |                                                                                                                |                    |             |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |                      |                        |      |       |             |                 |                                                                                                 |  |           |                  |                                                                                      |                                                                                       |                        |                                                                                                                | SIZE B             |             |  |

8

7

6

5

4

3

2

MX-A3