

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0350979812

Status: Active

Description: MP-Lock™ Quick Disconnect, Female, for 16-20 AWG (1.30-0.50mm²), Metal Strip, Tab 2.79 by 0.50mm (.110 by .020"), Pre-Tin Plated

Documents:

Drawing (PDF)	Product Specification PS-35506-001 (PDF)
Product Specification PS-35097-002 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E92853
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General

Product Family	Quick Disconnects
Series	35097
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
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Orientation	Straight
Packaging Type	Reel
Plating min: Mating (µin)	32.00
Plating min: Mating (µm)	0.800
Plating min: Termination (µin)	32.00
Plating min: Termination (µm)	0.80
Polarized to Mating Part	No
Tab Thickness	0.51mm (.020")
Tab Width	2.79mm (.110")
Temperature Range - Operating	-40°C to +120°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.40mm (.134") max.
Wire Size AWG	16, 18, 20
Wire Size mm²	0.50 - 1.30

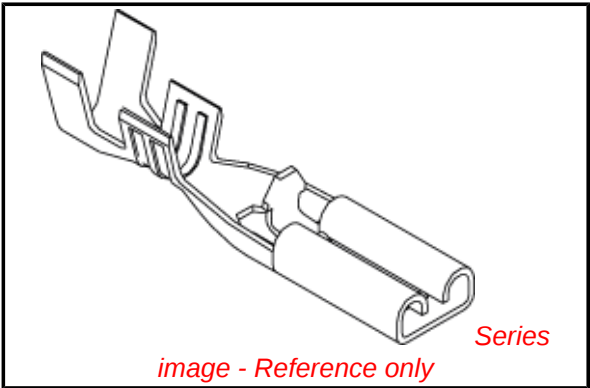
Electrical

Voltage - Maximum	250V
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Material Info

Reference - Drawing Numbers

Product Specification	PS-35097-002, PS-35506-001
Sales Drawing	SD-35097-9*12



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
35097Series

Use With
2.80mm (.110") 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.
Global

Description	Product #
Mini-Mac™	0638021000
Applicator Rear Feed	

DO NOT SCALE DRAWING
DIMENSION IN METRIC

B

C

PROJECT NO.

SIMILAR ITEM

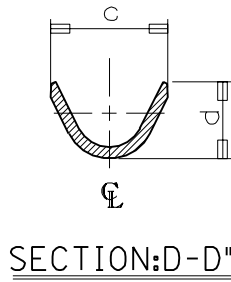
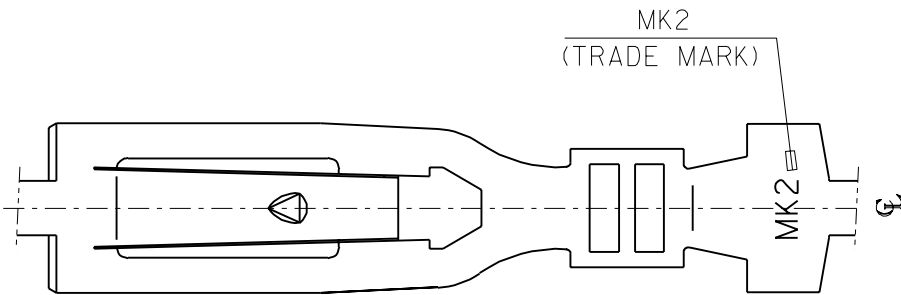
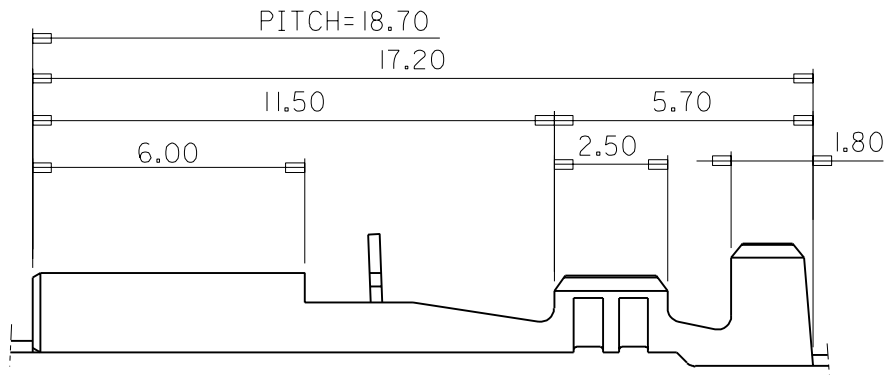
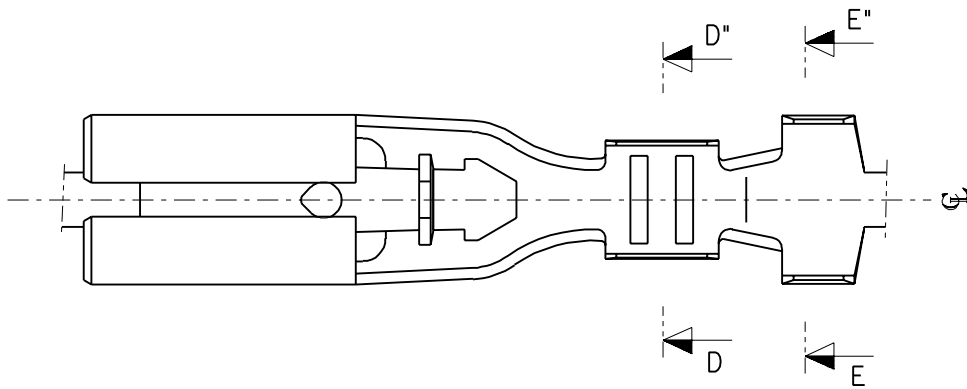
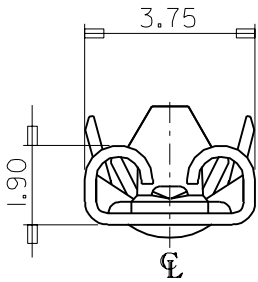
DWG. NO.

F

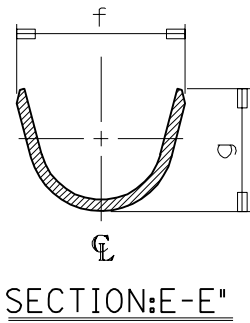
NOTES

1. MATERIAL: TIN-PLATED BRASS 0.25mm THICK'
2. FINISH: PRE-TIN PLATING
3. MATING TAB: 0.5(+) $\times$ 2.8(w)

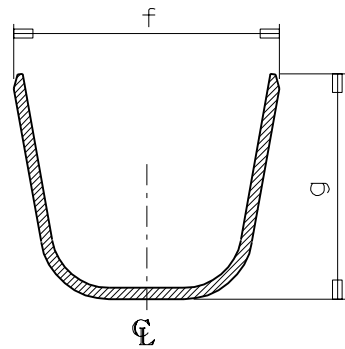
ENG.NO.	c	d	f	g	WIRE RANGE
35097-9712	2.0	1.85	3.3	3.0	AWG #26-#20
35097-9812	2.8	2.75	4.0	4.1	AWG #20-#16
35097-9912	2.8	2.75	5.9	5.0	AWG #20 $\times$ 2



SECTION:D-D''



SECTION:E-E''



SECTION:E-E''
35097-9902

REVISED
EC NO. KOR2000-0090
DRWN: W.Y.YANG 00/11/08
CHK: CH'K:
APPR: APPR:

DESCRIPTION

MAJOR
= 0
CRITICAL
= 0

REV

REV

QUALITY
SYMBOLS

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm 0.$	$\pm .$
3 PLACES	$\pm 0.$	$\pm .$
2 PLACES	± 0.30	$\pm .$
1 PLACE	± 0.30	$\pm .$

ANGULAR: $\pm 5.0^\circ$

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

SCALE
6:1

DESIGN UNITS
☒ mm ☐ INCH

DRAWN BY & DATE

W.Y.YANG 98/02/17

CHECKED BY & DATE

B.K.CHOI 98/02/17

APPROVED BY & DATE

C.W.LEE 98/02/17

CAD FILENAME
S0979712.DGN

THIRD ANGLE
PROJECTION

TITLE:
.110 MP-LOCK
RECEPTACLE TERMINAL

**MOLEX INCORPORATED
KOREA**

MATERIAL NO.
SEE TABLE

DRAWING NO.
SD 35097-9*12

SHEET NO.
10F1

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

SIZE
B

A

B

C

D

E

F