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Part Number: [0350979712](#)
Status: **Active**
Description: MP-Lock™ Quick Disconnect, Female, for 20-26 AWG (0.50-0.12mm²;) Wire, 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

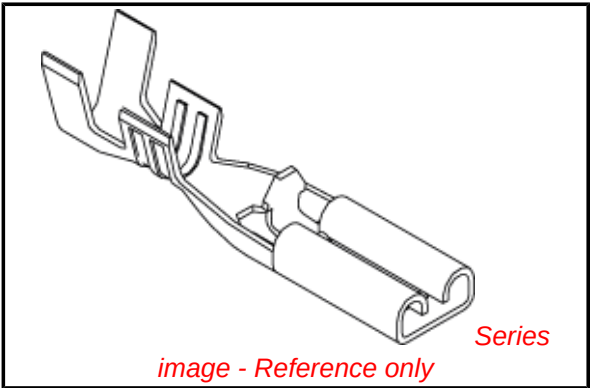
General
Product Family Quick Disconnects
Series [35097](#)
Crimp Quality Equipment Yes
Product Name MP-Lock™
Type Quick Disconnect

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 2.80mm (.110") max.
Wire Size AWG 20, 22, 24, 26
Wire Size mm² 0.12 - 0.50

Electrical
Voltage - Maximum 250V

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 #
Hand Tool for .110 MP-Lock™ Crimp Terminals	0638197100

Japan

Description	Product #
End-Feed Applicator	0573813100

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DO NOT SCALE DRAWING
DIMENSION IN METRIC

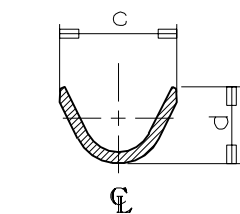
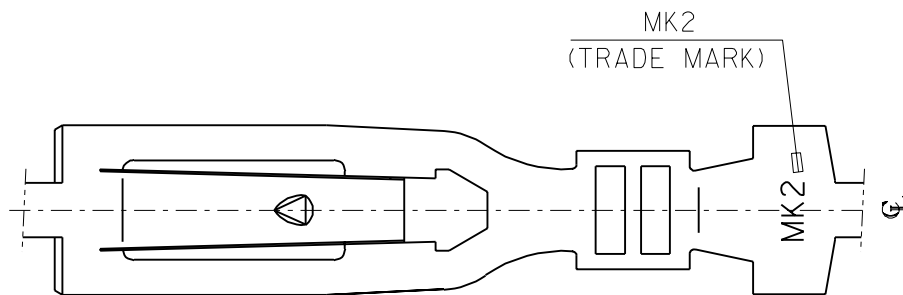
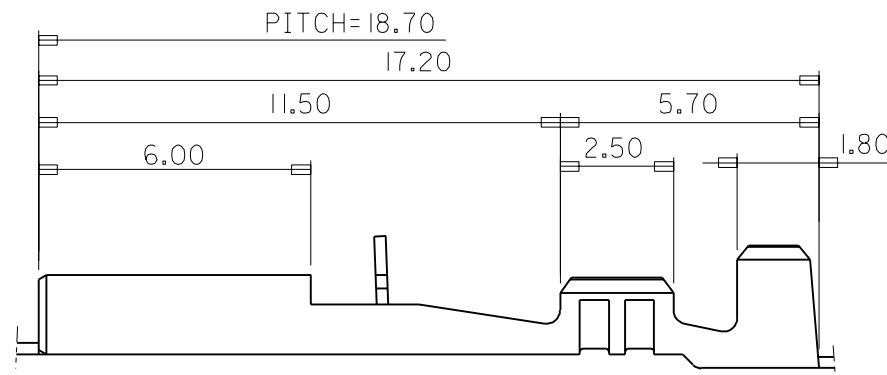
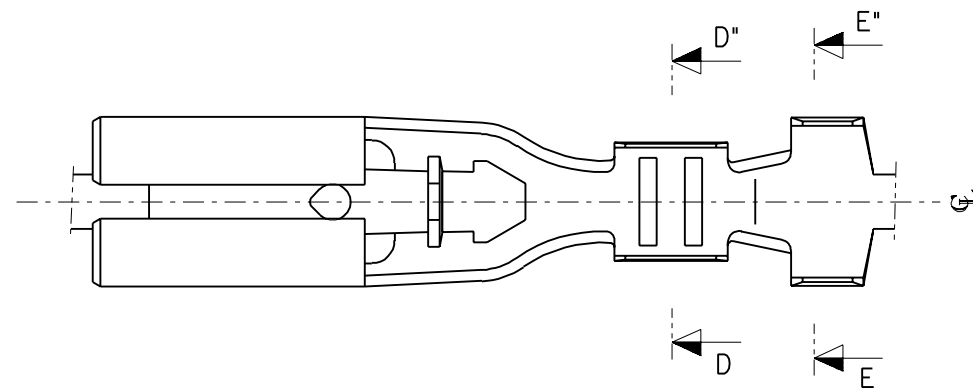
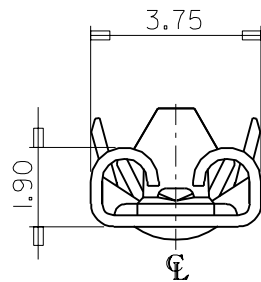
PROJECT NO.

SIMILAR ITEM

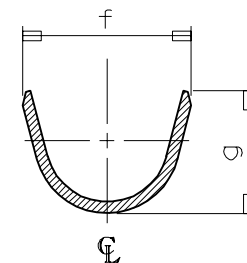
DWG. NO.

B

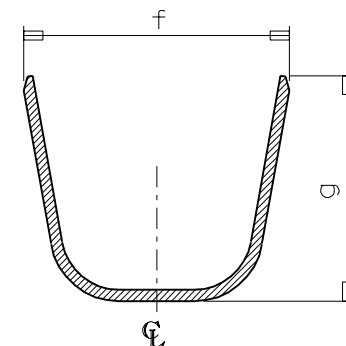
C



SECTION:D-D"



SECTION:E-E"



SECTION:E-E"
35097-9902

NOTES

1. MATERIAL: TIN-PLATED BRASS 0.25mm THICK
2. FINISH: PRE-TIN PLATING
3. MATING TAB: 0.5(+) x 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 #20x2

REVISED EC NO. KOR2000-0090 DRWN: W.Y.YANG 00/11/08 CHK: APPR:	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH	☐ INCH mm	☒ mm ONLY	REVISE ON CAD ONLY			
		MAJOR  = 0 CRITICAL  = 0		mm	INCH	DRAWN BY & DATE W.Y.YANG 98/02/17		TITLE: .110 MP-LOCK RECEPTACLE TERMINAL						
			4 PLACES	±0.	±.	CHECKED BY & DATE B.K.CHOI 98/02/17								
			3 PLACES	±0.	±.	APPROVED BY & DATE C.W.LEE 98/02/17		MOLEX INCORPORATED KOREA						
			2 PLACES	±0.30	±.	CAD FILENAME S0979712.DGN						MATERIAL NO. SEE TABLE	DRAWING NO. SD 35097-9*12	SHEET NO. 10F1
			1 PLACE	±0.30	±.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.						SIZE B		
		ANGULAR: ± 5.0 °												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
DI	REV													