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Part Number: [0350979802](#)
Status: **Active**
Description: MP-Lock™ Quick Disconnect with Vibration Support, 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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-35097-001 \(PDF\)](#)

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 +105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.40mm (.134") max.
Wire Size AWG	16, 18, 20
Wire Size mm ²	0.50 - 1.30

Electrical	
Voltage - Maximum	250V

Material Info

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

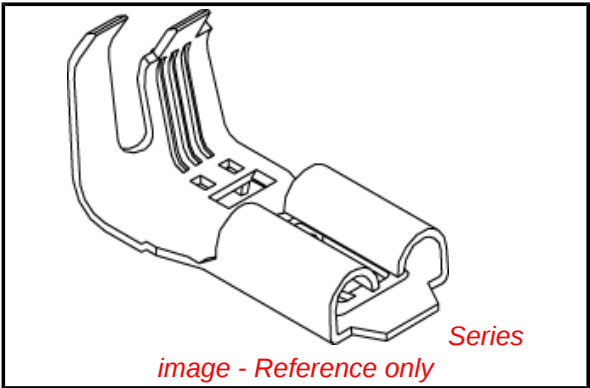


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free



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 #
Extractor Tool for MP-Lock™ Quick Disconnect Receptacle Terminals	0638135600
Japan	
Description	Product #
End-Feed Applicator	0573813100

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DWG. NO.

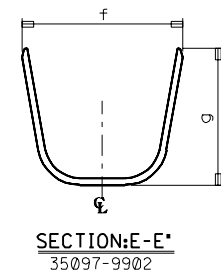
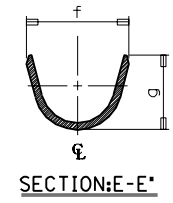
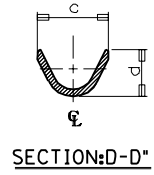
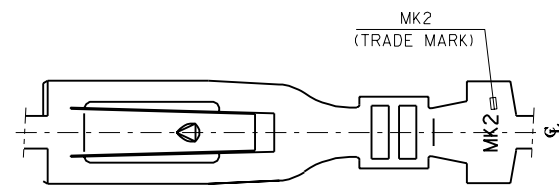
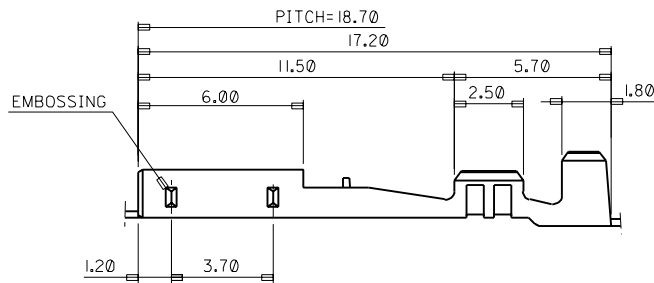
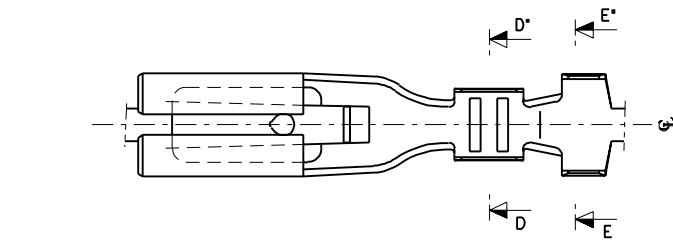
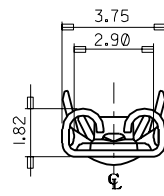
SIMILAR ITEM

PROJECT NO.

DO NOT SCALE DRAWING
DIMENSION IN METRIC

8 7 6 5 4 3 2 1

F
E
D
C
B
A



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
35097-9702	2.0	1.85	3.3	3.0	AWG #26-#20
35097-9802	2.8	2.75	4.0	4.1	AWG #20-#16
35097-9902	2.8	2.75	5.9	5.0	AWG #20 $\times$ 2

REVISED EC NO. KOR1998-0083 DRAWN: W.Y. YANG 98/07/09 CHK: CHK: APPR: APPR:	DESCRIPTION MAJOR = 0 CRITICAL C = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE 6:1	DESIGN UNITS ☒ mm ☐ INCH	THIRD ANGLE PROJECTION	DIMENSIONS:		SHT	REV			
		mm	INCH	DRAWN BY & DATE W.Y. YANG 96/12/02			☐ mm ☐ INCH	☒ mm ONLY	REVISE ON CAD ONLY				
		4 PLACES	$\pm 0.$	$\pm$	CHECKED BY & DATE B.K. CHOI 96/12/02		TITLE: .110 MP-Lock RECEPTACLE TERMINAL						
		3 PLACES	$\pm 0.$	$\pm$	APPROVED BY & DATE C.W. LEE 96/12/02		MOLEX INCORPORATED KOREA						
REV		2 PLACES	± 0.30	$\pm$	CAD FILENAME S0979702.DGN								
		1 PLACE	± 0.30	$\pm$	MATERIAL NO. SEE TABLE		DRAWING NO. SD 35097-9*02		SHEET NO. 10FI				
		ANGULAR: $\pm$ °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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 1