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Part Number: [0350689902](#)
Status: **Active**
Description: MP-Lock™ Quick Disconnect, Female, for 20x2, 20x18, 18x2 AWG (0.80-0.52mm²), Metal Strip, Tab 4.75 by 0.50mm (.187 by .020"), Pre-Tin Plated

Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-35189-001 \(PDF\)](#)
[Product Specification PS-35189-004 \(PDF\)](#)
[Product Specification PS-35817-001 \(PDF\)](#)
[Product Specification PS-68416-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR95446
UL E92853

General

Product Family Quick Disconnects
Series [35068](#)
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 Yes
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 Yes
Tab Thickness 0.51mm (.020")
Tab Width 4.75mm (.187")
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 5.50mm (.217") max.
Wire Size AWG 18, 20
Wire Size mm² 0.52 - 0.80

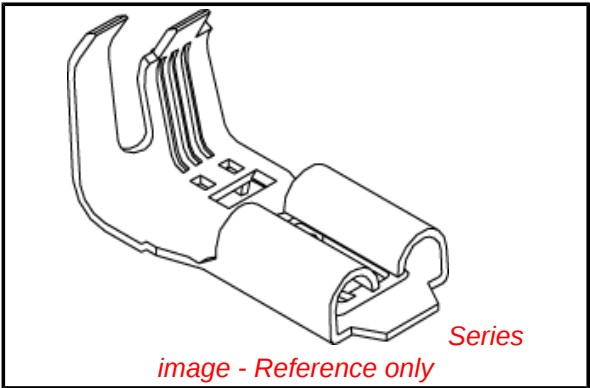
Electrical

Voltage - Maximum 300V

Material Info

Reference - Drawing Numbers

Product Specification PS-35189-001, PS-35189-004, PS-35817-001, PS-68416-001, RPS-35068-001, RPS-35189-002
Sales Drawing SD-35068-9902



EU RoHS

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

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
[35068Series](#)

Use With
[35189](#) , [35817](#) , [35961](#)

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

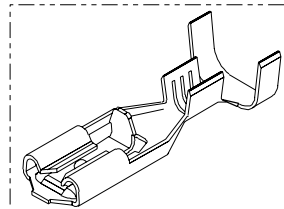
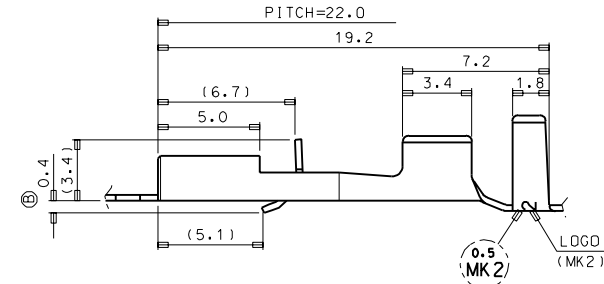
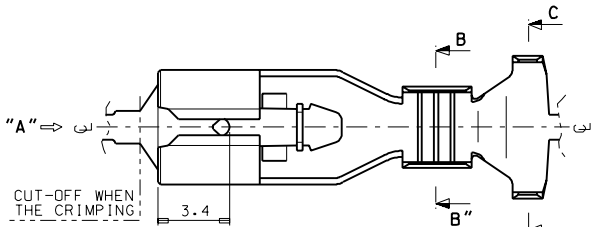
Description	Product #
Mini-Mac™	0638022000
Applicator Rear Feed	

Japan

Description	Product #
End-Feed Applicator	0573653100

This document was generated on 04/15/2010

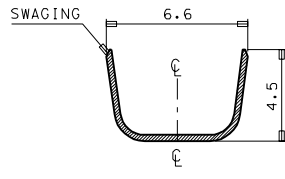
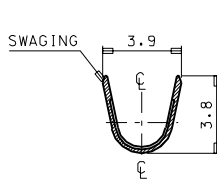
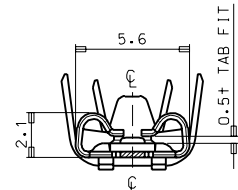
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ISOMETRIC VIEW

NOTES

1. MATERIAL : BRASS, 0.30mm THICKNESS
2. FINISH : PRE-PLATED TIN
3. MATING TAB THICKNESS : 0.50mm
4. RECOMMENDED LENGTH OF WIRE STRIP IS 4.4-5.0mm.
5. APPLICABLE WIRE : AWG #20+#20
AWG #20+#18
AWG #18+#18



REVISED		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE		DESIGN UNITS		DIMENSIONS:		SHT		REV	
EC NO. KOR1998-0101		DESCRIPTION		MAJOR		6/1		J.S.KANG 91/12/02		THIRD ANGLE PROJECTION		mm		INCH	
DRAWN: J.S.KANG 91/08/24		CHECKED: B.K. CHO		CRITICAL		mm		J.S.KANG 91/12/02		mm		mm		mm	
APPR: C.W.LEE		MAJOR		mm		INCH		CHECKED BY & DATE		mm		mm		mm	
		MAJOR		mm		INCH		B.K. CHO		mm		mm		mm	
		MAJOR		mm		INCH		APPROVED BY & DATE		mm		mm		mm	
		MAJOR		mm		INCH		C.W.LEE		mm		mm		mm	
		MAJOR		mm		INCH		CAD FILENAME		mm		mm		mm	
		MAJOR		mm		INCH		s35068d.dgn		mm		mm		mm	
		MAJOR		mm		INCH		DRAWING NO.		mm		mm		mm	
		MAJOR		mm		INCH		SD-35068-9902		mm		mm		mm	
		MAJOR		mm		INCH		SHEET NO.		mm		mm		mm	
		MAJOR		mm		INCH		1 of 1		mm		mm		mm	
		MAJOR		mm		INCH		SIZE		mm		mm		mm	
		MAJOR		mm		INCH		B		mm		mm		mm	

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE
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