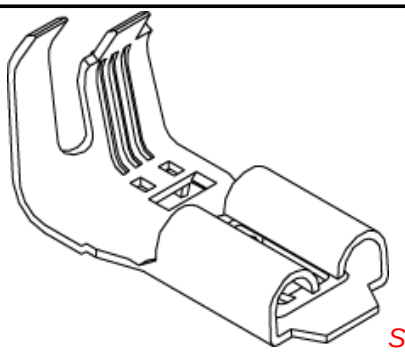
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Part Number: 0350729712

Status: Active

Description: MP-Lock™ Quick Disconnect, Female, for 18-22 AWG (0.80-0.33mm²), Metal Strip, Tab 6.35 by 1.00mm (.250 by .039"), Pre-Tin Plated



Series image - Reference only

Documents:

Drawing (PDF) | RoHS Certificate of Compliance (PDF)

General

Product Family	Quick Disconnects
Series	35072
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	1.00mm (.039")
Tab Width	6.35mm (.250")
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.50-3.20mm (.060-.125") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.33 - 0.80

Electrical

Voltage - Maximum	300V

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-35072-9702

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
35072Series

Use With
35196 , 35959

Application Tooling | **FAQ**

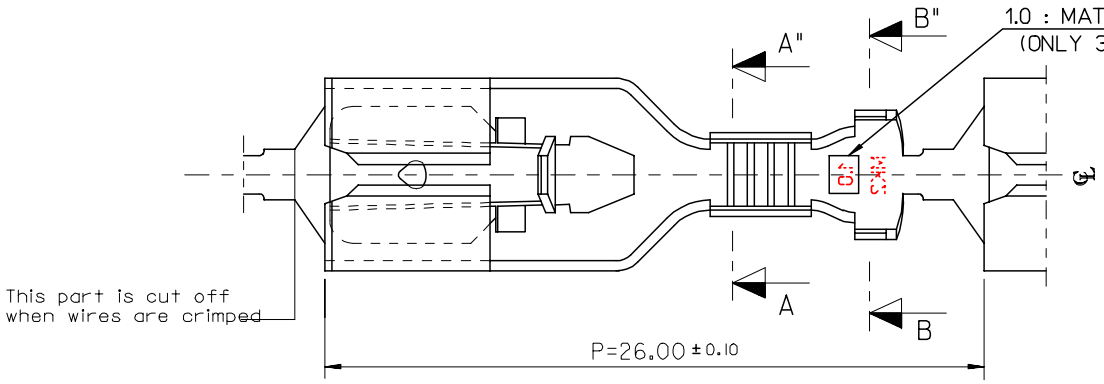
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

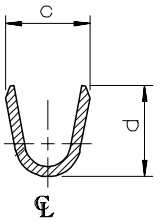
Global

Description	Product #
Hand Crimp Tool for .250 MP-Lock Crimp Terminals	0638196300

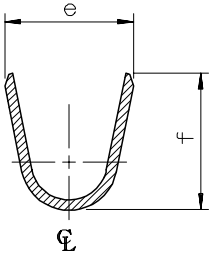
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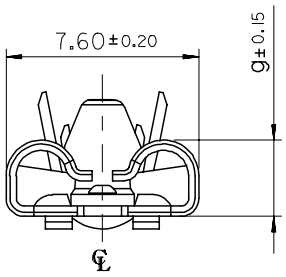


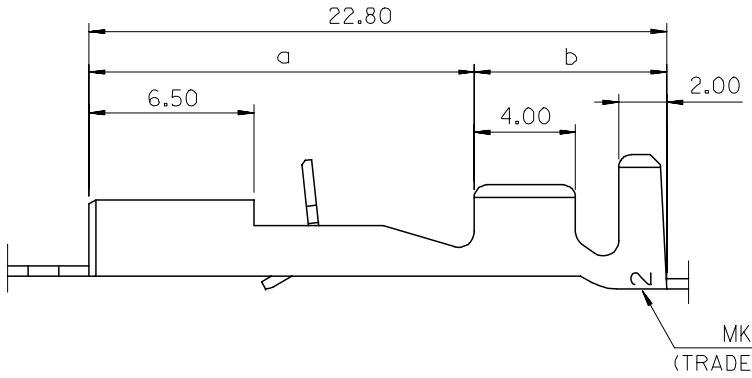


SECTION:A-A"



SECTION:B-B"





ENG.NO.	a	b	c	d	e	f	g	WIRE SIZE	INSUL.DIA.	MATING TAB THICK'
35072-9702	15.1	7.7	2.6	3.2	4.8	4.8	2.92	AWG#22-18	1.5-3.1	0.8 t
35072-9802	15.1	7.7	3.7	3.6	5.0	5.5		AWG#18-14	2.2-3.4	
35072-9902	14.4	8.4	4.6	5.4	6.8	6.2		AWG#14-10	3.0-5.1	
35072-9712	15.1	7.7	2.6	3.2	4.8	4.8	3.00	AWG#22-18	1.5-3.1	1.0 t

NOTES

1. MATERIAL: TIN-PLATED BRASS 0.4mm THICK'
2. APPLICABLE HOUSING: 35196-0110
3. MATING TAB WIDTH : 6.35mm

REDRAWN
ECN NO. KOR2006-0031
DRWN: J.B.JIN 05/08/30
CHK: W.Y.YANG
APPR: C.W.LEE
DESCRIPTION
REV
A1

QUALITY SYMBOLS
MAJOR ▼ = 0
CRITICAL (C) = 0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	± -
3 PLACES	±0.	± -
2 PLACES	±0.30	± -
1 PLACE	±0.30	± -
ANGULAR: ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE 5:1
DESIGN UNITS ☒mm ☐INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐mm INCH ☐INCH mm ☒mm ONLY
SHT REV
REVISE ON CAD ONLY

DRAWN BY & DATE W.Y.YANG 96/03/19
CHECKED BY & DATE B.K.CHOI 96/03/19
APPROVED BY & DATE C.W.LEE 96/03/19
CAD FILENAME W.Y.YANG 93/03/19

TITLE: .250 MP-LOCK RECEPTACLE TERMINAL

MOLEX INCORPORATED

MATERIAL NO. SEE TABLE
DRAWING NO. SD-35072-9702
SHEET NO. 1 OF 1

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

SIZE B

KOREA MX-A3

DWG. NO. SD-35072-9702
SIMILAR ITEM
PROJECT NO.
DO NOT SCALE DRAWING
DIMENSION IN METRIC