

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0366640002

Status:

Active

Overview:

mlx

Description:

MLX Crimp Terminal 42024, 10-12 AWG, Loose, Tin (Sn)

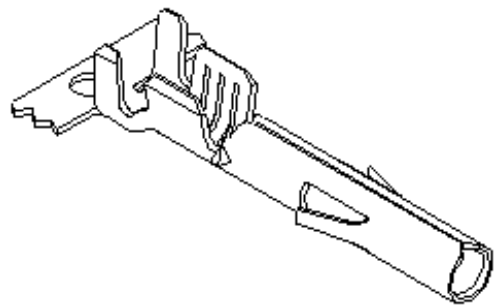


image - Reference only Series

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-36663-001 (PDF)

General

Product Family

Crimp Terminals

Series

36663

Crimp Quality Equipment

Yes

Overview

mlx

Product Name

MLX™

Physical

Gender

Female

Material - Metal

Brass

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Packaging Type

Bag

Plating min: Mating (µin)

20

Plating min: Mating (µm)

0.50

Plating min: Termination (µin)

20

Plating min: Termination (µm)

0.50

Termination Interface: Style

Crimp or Compression

Wire Insulation Diameter

5.08mm (.200") max.

Wire Size AWG

10, 12

Wire Size mm²

3.30, 5.25

Solder Process Data

Duration at Max. Process Temperature (seconds)

10

Lead-free Process Capability

Wave Capable (TH only)

Process Temperature max. C

260

Material Info

Reference - Drawing Numbers

Product Specification

PS-36663-001

Sales Drawing

SD-36664-001

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](mailto: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

36663Series

Use With

42021 Housing

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 | 0638114700 |

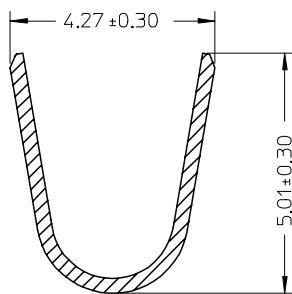
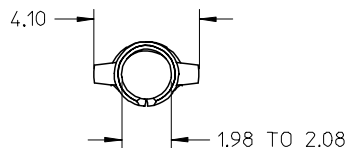
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NOTE:

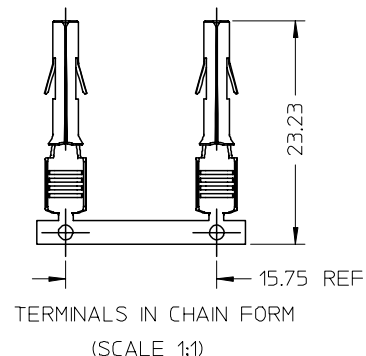
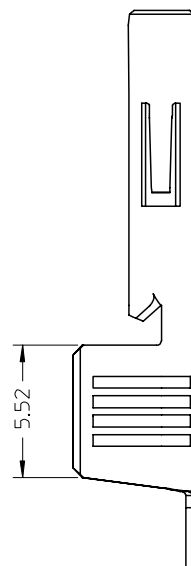
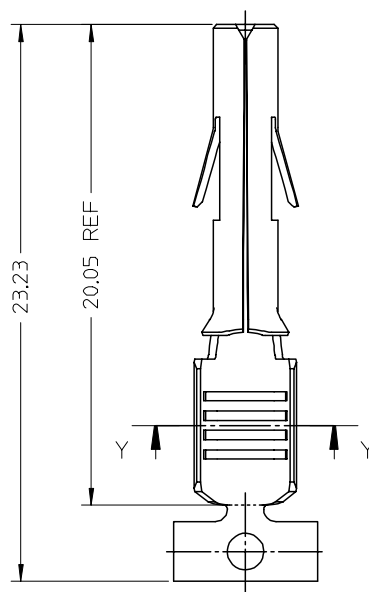
1. MATERIAL : BRASS
2. FINISH : HOT TIN DIP, THICKNESS 0.51 MICROMETER MIN
3. SOCKET TERMINALS FOR USE WITH THE .084/(2.13) SERIES HOUSINGS  
PLUG (42021-\*\*)  
CAP (42022-\*\*) SOCKET TERMINAL TO MATE WITH PIN TERMINALS OF .084/(2.13) DIA SERIES
4. CRIMP RANGE : SEE CHART
5. PRODUCT SPECIFICATION : PS-36663-001 APPLIES

36664

| MATERIAL No. | FINISH     | WIRE SIZE | INSULATION DIA | PACKAGING |
|--------------|------------|-----------|----------------|-----------|
| 36664-0001   | SEE NOTE 2 | 10-12AWG  | 5.08 MAX       | REEL      |
| 36664-0002   | SEE NOTE 2 | 10-12AWG  | 5.08 MAX       | LOOSE     |



SECTION Y  
(SCALE 10:1)



|                                                                                                                |                        |                                           |                                                         |        |              |                                        |                                                                                                                               |                                                                           |                    |  |   |
|----------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------|---------------------------------------------------------|--------|--------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------|--|---|
| EC NO: 12005-0004<br>DRWN: SSUDHIR 2004/07/07<br>CHKD: DGDATHA 2004/07/07<br>APPR: DGDATHA 2004/07/08<br><br>1 | DESCRIPTION<br><br>REV | QUALITY SYMBOLS<br><br>▽ = 0<br><br>◁ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                   |        | SCALE<br>5:1 | DESIGN UNITS<br>METRIC                 | THIRD ANGLE PROJECTION                                                                                                        |                                                                           | REVISE ON CAD ONLY |  |   |
|                                                                                                                |                        |                                           |                                                         | mm     | INCH         | DIMENSION STYLE<br>MM ONLY             |                                                                                                                               | TITLE<br>STAMP PART BRASS<br>TERMINAL SOCKET MLX<br>10-12AWG 5.08 INS DIA |                    |  |   |
|                                                                                                                |                        |                                           | 4 PLACES                                                | ± ---  | ± ---        | DRAWN BY DATE<br>SSUDHIR 2004/07/01    |                                                                                                                               |                                                                           |                    |  |   |
|                                                                                                                |                        |                                           | 3 PLACES                                                | ± ---  | ± ---        | CHECKED BY DATE<br>DGDATHA 2004/07/01  |                                                                                                                               | MOLEX MOLEX INCORPORATED                                                  |                    |  |   |
|                                                                                                                |                        |                                           | 2 PLACES                                                | ± 0.25 | ± ---        | APPROVED BY DATE<br>DGDATHA 2004/07/01 |                                                                                                                               |                                                                           |                    |  |   |
|                                                                                                                |                        |                                           | 1 PLACE                                                 | ± 0.38 | ± ---        |                                        |                                                                                                                               |                                                                           |                    |  |   |
|                                                                                                                |                        |                                           | ANGULAR ± 2 °                                           |        |              |                                        |                                                                                                                               |                                                                           |                    |  |   |
|                                                                                                                |                        |                                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |        |              |                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                           |                    |  | B |