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**Part Number:** 0502257412

**Status:** Active

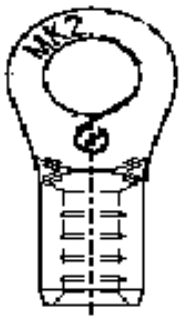
**Description:** Ring Tongue Terminal for 14-16 AWG, Closed Uninsulated Brazed Barrel, Stud Size 1/4" (M6), Oxygen-Free Copper, Length 21.70mm (.854")

**Documents:**

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-50224-001 (PDF)



*Series image - Reference only*

## General

| | |
|---|---|
| Product Family | Ring and Spade Terminals |
| Series | 50225 |
| Crimp Quality Equipment | Yes |
| Mil-Spec | N/A |
| Product Name | R (Ring) |
| Type | Ring |

## Physical

| | |
|---|---|
| Barrel Type | Closed - Brazed |
| Insulation | None |
| Material - Plating Mating | Tin |
| Packaging Type | Bag |
| Plating min: Mating (µin) | 40 |
| Plating min: Mating (µm) | 1 |
| Plating min: Termination (µin) | 40 |
| Plating min: Termination (µm) | 1 |
| Stud Size | 1/4" (M6) |
| Termination Interface: Style | Crimp or Compression |
| Wire Size AWG | 14, 16 |
| Wire Size mm² | 1.04 - 2.63 |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Product Specification | PS-50224-001 |
| Sales Drawing | SD-50225-001 |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
Not Reviewed
**Halogen-Free Status**
**Not Reviewed**

**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**
50225Series

**Application Tooling** | **FAQ**

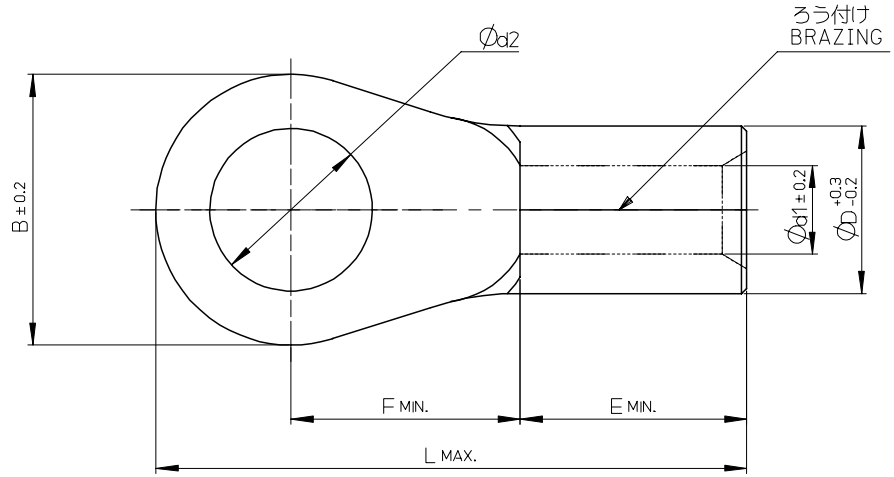
*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

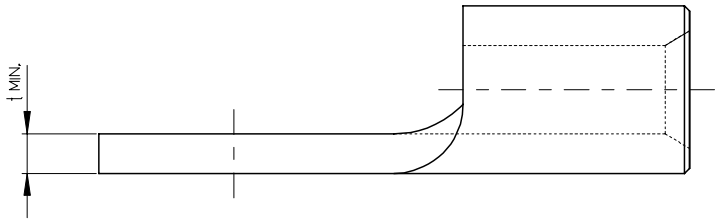
**Japan**

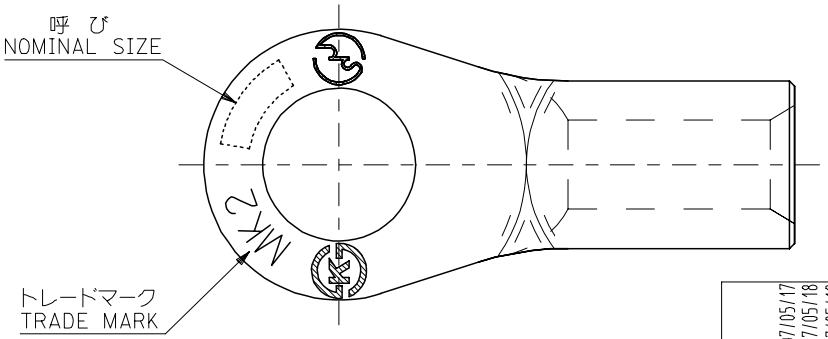
| Description | Product # |
|---|---|
| Hand Crimper For JIS Terminal | 0572575000 |
| Hand Crimper For JIS Terminal | 0573435002 |

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注記 NOTES

1 材質 MATERIAL
端子：無酸素銅、錫めっき
TERMINAL:OXYGEN-FREE COPPER, TIN PLATING
ろう付け部：りん銅ろう
PART OF BRAZING :COPPER PHOSPHORUS BRAZING FILLER METALS

2 適用電線 APPLICABLE WIRE RANGE

| 単線 SOLID WIRE | 撚線 STRANDED WIRE |
|---|---|
| 1.14 ～ 1.82 mm | 1.04 ～ 2.63 $mm^2$ |

△3 ＪＩＳ認定品にのみ刻印。
DIE STAMPED MARK IS ALLOWED ONLY FOR JIS FILED PRODUCTS.

| △3 | t | Ød2 | L | F | E | Ød1 | ØD | B | 呼び NOMINAL SIZE | ENG. NO. |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0.8 | 6.4 +0.4 0 | 22 | 7 | 4.1 | 2.3 | 4.2 | 15 | 6 | 50225-7412 |
| JIS | | | | | | | | | | 50225-7412 |
| | | 5.3 +0.2 0 | 17.5 | 7 | | | | 9.5 | 5 | 50225-7312 |
| JIS | | | | | | | | | | 50225-7312 |
| | | 4.3 +0.2 0 | 17 | 6 | | | | 8.5 | 4 | 50225-7212 |
| JIS | | | | | | | | | | 50225-7212 |
| | | 3.7 +0.2 0 | | 4 | | | | 6.6 | 3.5 | 50225-7112 |
| JIS | | | | | | | | | | 50225-7112 |

| RELEASED | DESCRIPTION | REV |
|---|---|---|
| EC NO: J2007-0312 | | |
| DRWN:H.YAJIMA 2007/05/17 | | |
| CHKD:K.KASAHARA 2007/05/18 | | |
| APPR:N.UKITA 2007/05/18 | | 0 |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | |
|---|---|
| 10 UNDER | ±0.2 |
| 10 OVER 30 UNDER | ±0.25 |
| 30 OVER | ±0.3 |
| ANGULAR | ±3 ° |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| | |
|---|---|
| DIMENSION STYLE | MM ONLY |
| SCALE | --- |
| DESIGN UNITS | METRIC |
| | THIRD ANGLE PROJECTION |
| DRAWN BY / DATE | H.YAJIMA 2006/10/25 |
| CHECKED BY / DATE | K.KASAHARA 2006/10/25 |
| APPROVED BY / DATE | N.UKITA 2006/10/25 |
| MATERIAL NO. | SEE CHART |
| TITLE | RING TERMINAL |
| | MOLEX INCORPORATED |
| DOCUMENT NO. | SD-50225-001 |
| SHEET NO. | 1 OF 1 |
| SIZE | A3 |

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