

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0504097626

Status:

Active

Description:

Ring Tongue Terminal for 400MCM AWG, Closed Uninsulated Brazed Barrel, Stud Size 7/8" (M20), Oxygen-Free Copper, Length 91.00mm (3.583")

Documents:

Drawing (PDF)

Product Specification PS-50409-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                             |                          |
|-----------------------------|--------------------------|
| General                     |                          |
| Product Family              | Ring and Spade Terminals |
| Series                      | 50409                    |
| 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                      |
| Stud Size                   | 7/8" (M20)               |
| Wire Size AWG               | 400MCM                   |
| Wire Size mm²               | 192.6 - 242.27           |
| Material Info               |                          |
| Reference - Drawing Numbers |                          |
| Product Specification       | PS-50409-001             |
| Sales Drawing               | SD-50409-001             |



Series  
image - Reference only

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](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

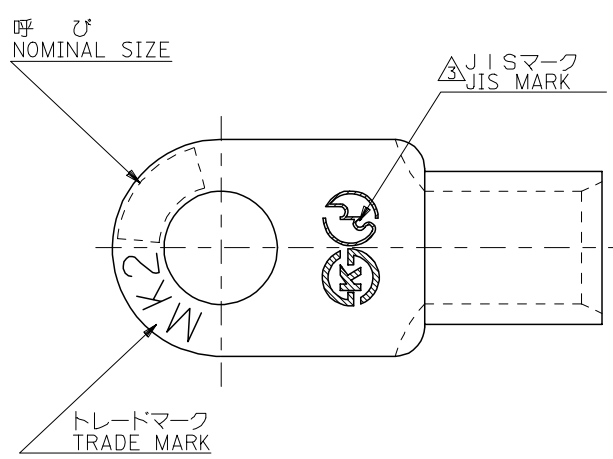
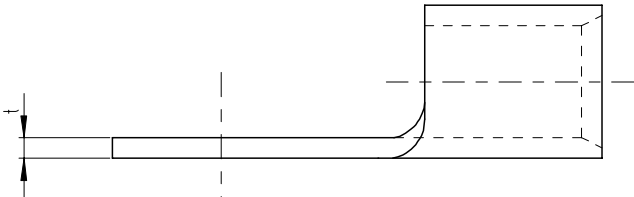
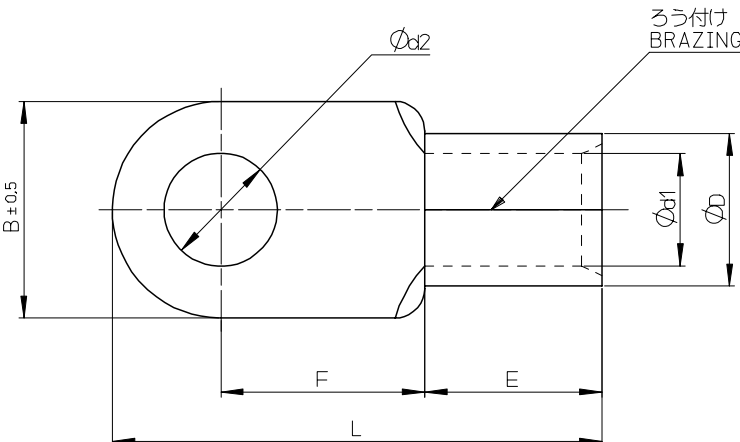
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series  
50409Series

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 #                  |
|-------------------------|----------------------------|
| Tool Kit For 57343-9012 | <a href="#">0573439001</a> |

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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：銀ろう  
PART OF BRAZING : SILVER SOLDER
- 2 適用電線 APPLICABLE WIRE RANGE

| 単線<br>SOLID WIRE | 撚線<br>STRANDED WIRE          |
|------------------|------------------------------|
| 15.6-17.5 mm     | 192.6-242.27 mm <sup>2</sup> |

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

|     |                             |                               |        |           |         |                             |                               |    |                    |          |            |
|-----|-----------------------------|-------------------------------|--------|-----------|---------|-----------------------------|-------------------------------|----|--------------------|----------|------------|
| JIS | 3.9 MN                      | 28 <sup>+0.5<br/>0</sup>      | 94 MAX | 34.5 MN   | 30.5 MN | 24 <sup>+0.6</sup>          | 32.7 <sup>+0.9<br/>-0.6</sup> | 44 | 200                | 27       | 50409-7926 |
|     |                             | 25 <sup>+0.5<br/>0</sup>      |        | 32.5 MN   |         |                             |                               |    |                    | 24       | 50409-7826 |
|     |                             | 23 <sup>+0.5<br/>0</sup>      |        | 30 MN     |         |                             |                               |    |                    | 22       | 50409-7726 |
|     |                             | 21 <sup>+0.5<br/>0</sup>      |        | 27 MN     |         |                             |                               |    |                    | 20       | 50409-7626 |
|     |                             | 19 <sup>+0.5<br/>0</sup>      |        | 24.5 MN   |         |                             |                               |    |                    | 18       | 50409-7526 |
|     | 4 <sup>+0.22<br/>-0.1</sup> | 17 <sup>+0.5<br/>-0.1</sup>   | 91 ±12 | 37.5 ±1.1 | 31.5 ±1 | 24 <sup>+0.7<br/>-0.6</sup> | 32.7 <sup>+0.9<br/>-0.7</sup> |    |                    | L16      | 50409-7426 |
|     |                             | 15 <sup>+0.5<br/>-0.1</sup>   |        |           |         |                             |                               |    |                    | L14      | 50409-7326 |
|     |                             | 13 <sup>+0.5<br/>-0.1</sup>   |        |           |         |                             |                               |    |                    | L12      | 50409-7226 |
|     |                             | 10.5 <sup>+0.5<br/>-0.1</sup> |        |           |         |                             |                               |    |                    | L10      | 50409-7126 |
|     |                             | 8.4 <sup>+0.5<br/>-0.1</sup>  |        |           |         |                             |                               |    |                    | L8       | 50409-7026 |
| JIS | 3.9 MN                      | 17 <sup>+0.5<br/>0</sup>      | 94 MAX | 22.5 MN   | 30.5 MN | 24 <sup>+0.6</sup>          | 32.7 <sup>+0.9<br/>-0.6</sup> |    |                    | 16       | 50409-7925 |
|     |                             | 15 <sup>+0.5<br/>0</sup>      |        | 21 MN     |         |                             |                               |    |                    | 14       | 50409-7825 |
|     |                             | 13 <sup>+0.5<br/>0</sup>      |        | 19.5 MN   |         |                             |                               |    |                    | 12       | 50409-7725 |
|     | 4 <sup>+0.22<br/>-0.1</sup> | 10.5 <sup>+0.5<br/>-0.1</sup> | 78 ±12 |           |         |                             |                               |    |                    | 10       | 50409-7625 |
|     |                             | 17 <sup>+0.5<br/>-0.1</sup>   |        |           |         |                             |                               |    |                    | S16      | 50409-7525 |
|     |                             | 15 <sup>+0.5<br/>-0.1</sup>   |        |           |         |                             |                               |    |                    | S14      | 50409-7425 |
|     |                             | 13 <sup>+0.5<br/>-0.1</sup>   |        |           |         |                             |                               |    |                    | S12      | 50409-7325 |
|     |                             | 11.5 <sup>+0.5<br/>-0.1</sup> |        |           |         |                             |                               |    |                    | 11       | 50409-7225 |
|     |                             | 10.5 <sup>+0.5<br/>-0.1</sup> |        |           |         |                             |                               |    |                    | S10      | 50409-7125 |
|     |                             | 8.4 <sup>+0.5<br/>-0.1</sup>  |        |           |         |                             |                               |    |                    | 8        | 50409-7025 |
| ⚠   | t                           | Ød2                           | L      | F         | E       | Ød1                         | ØD                            | B  | 呼び<br>NOMINAL SIZE | ENG. NO. |            |

REVISED  
EC NO: J2007-0312  
2007/05/17  
DR: N. H. A. J. I. M. A.  
2007/05/18  
CHK: D. K. K. A. S. A. H. A. R. A.  
2007/05/18  
APPR: N. U. K. I. T. A.  
2007/05/18

DESCRIPTION  
REV C

GENERAL TOLERANCES  
(UNLESS SPECIFIED)  
10 UNDER ± ---  
10 OVER 30 UNDER ± ---  
30 OVER ± ---  
ANGULAR ± --- °  
DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY  
DRAWN BY H. I. I. J. I. M. A.  
DATE '98/02/27  
CHECKED BY M. F. U. K. U. S. H. I. M. A.  
DATE '98/03/03  
APPROVED BY M. F. U. K. U. S. H. I. M. A.  
DATE '98/03/03  
MATERIAL NO.  
SIZE A3  
SEE CHART

SCALE ---  
DESIGN UNITS  
METRIC  
THIRD ANGLE  
PROJECTION  
TITLE  
RING TERMINAL  
NON-INSULATED CRIMP STYLE  
TERM FOR CU CONDUCTORS  
MOLEX INCORPORATED  
DOCUMENT NO.  
SD-50409-001  
SHEET NO.  
1 OF 1  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION