

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0504117325

Status:

Active

Description:

Ring Tongue Terminal for 500-600MCM AWG, Closed Uninsulated Brazed Barrel, Stud Size 1/2" (M12), Oxygen-Free Copper, Length 88.00mm (3.465")

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

|                             |                          |
|-----------------------------|--------------------------|
| General                     |                          |
| Product Family              | Ring and Spade Terminals |
| Series                      | 50411                    |
| 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                   | 1/2" (M12)               |
| Wire Size AWG               | 500MCM, 600MCM           |
| Wire Size mm²               | 242.27 - 325             |
| Material Info               |                          |
| Reference - Drawing Numbers |                          |
| Sales Drawing               | SD-50411-001             |



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

50411Series

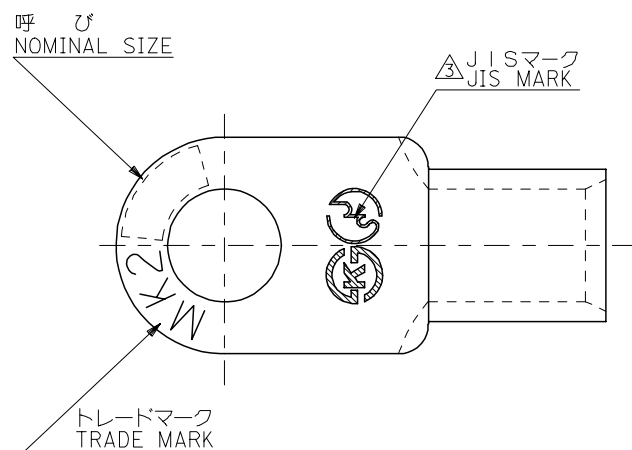
Application Tooling | FAQ

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> |

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|                   |                            |
|-------------------|----------------------------|
| 單 線<br>SOLID WIRE | 撚 線<br>STRANDED WIRE       |
| 17.5-20.3 mm      | 242.27-325 mm <sup>2</sup> |

|     |                               |                               |            |           |         |                             |                             |      |              |            |            |
|-----|-------------------------------|-------------------------------|------------|-----------|---------|-----------------------------|-----------------------------|------|--------------|------------|------------|
| JIS | 4.2 MN                        | 28 <sup>+0.5<br/>0</sup>      | 108 MAX    | 34 MN     | 34.5 MN | 28 ±0.6                     | 37.6 <sup>+1<br/>-0.6</sup> | 50.5 | 325          | 27         | 50411-7726 |
|     |                               | 25 <sup>+0.5<br/>0</sup>      |            | 32.5 MN   |         |                             |                             |      |              | 24         | 50411-7626 |
|     |                               | 23 <sup>+0.5<br/>0</sup>      |            | 30 MN     |         |                             |                             |      |              | 22         | 50411-7526 |
|     |                               | 21 <sup>+0.5<br/>0</sup>      |            | 27 MN     |         |                             |                             |      |              | 20         | 50411-7426 |
|     |                               | 19 <sup>+0.5<br/>0</sup>      |            | 24.5 MN   |         |                             |                             |      |              | 18         | 50411-7326 |
|     | 4.5 <sup>+0.22<br/>-0.1</sup> | 17 <sup>+0.5<br/>-0.1</sup>   | 105.7 ±1.2 | 45 ±1.1   | 35.5 ±1 | 28 <sup>+0.7<br/>-0.6</sup> | 37.6 <sup>+1<br/>-0.7</sup> |      |              | L16        | 50411-7226 |
|     |                               | 15 <sup>+0.5<br/>-0.1</sup>   |            |           |         |                             |                             |      |              | L14        | 50411-7126 |
|     |                               | 13 <sup>+0.5<br/>-0.1</sup>   |            |           |         |                             |                             |      |              | L12        | 50411-7026 |
|     |                               | 10.5 <sup>+0.5<br/>-0.1</sup> |            |           |         |                             |                             |      |              | L10        | 50411-7925 |
|     |                               | 8.4 <sup>+0.5<br/>-0.1</sup>  |            |           |         |                             |                             |      |              | L8         | 50411-7825 |
|     |                               | 19 <sup>+0.5<br/>-0.1</sup>   |            |           |         |                             |                             |      |              | 94.2 ±1    | 33.5 ±1.1  |
| JIS | 4.2 MN                        | 17 <sup>+0.5<br/>0</sup>      | 103 MAX    | 22.5 MN   | 34.5 MN | 28 ±0.6                     | 37.6 <sup>+1<br/>-0.6</sup> | 16   | 50411-7625   |            |            |
|     | 4.5 <sup>+0.22<br/>-0.1</sup> | 17 <sup>+0.5<br/>-0.1</sup>   | 88 ±1.2    | 33.5 ±1.1 | 35.5 ±1 | 28 <sup>+0.7<br/>-0.6</sup> | 37.6 <sup>+1<br/>-0.7</sup> | S16  | 50411-7525   |            |            |
|     |                               | 15 <sup>+0.5<br/>-0.1</sup>   |            |           |         |                             |                             | 14   | 50411-7425   |            |            |
|     |                               | 13 <sup>+0.5<br/>-0.1</sup>   |            |           |         |                             |                             | 12   | 50411-7325   |            |            |
|     |                               | 11.5 <sup>+0.5<br/>-0.1</sup> |            |           |         |                             |                             | 11   | 50411-7225   |            |            |
|     |                               | 10.5 <sup>+0.5<br/>-0.1</sup> |            |           |         |                             |                             | 10   | 50411-7125   |            |            |
|     |                               | 8.4 <sup>+0.5<br/>-0.1</sup>  |            |           |         |                             |                             | 8    | 50411-7025   |            |            |
| △3  | t                             | Ød <sub>2</sub>               | L          | F         | E       | Ød <sub>1</sub>             | ØD                          | B    | 呼<br>NOMINAL | 呼び<br>SIZE | ENG. NO.   |

|                                                                                |                                                            |                                          |                                                                                                                               |                            |                   |                                                                              |                        |                           |  |  |
|--------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|------------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2007-0312<br>DRAWN:YAJI MA<br>CHKD:KKASAHARA<br>APPR:NUKITA | DESCRIPTION                                                | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                                                                                                               | DIMENSION STYLE<br>MM ONLY |                   | SCALE<br>---                                                                 | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                |                                                            | 10 UNDER                                 | ± ---                                                                                                                         | DRAWN BY<br>H. IJIMA       | DATE<br>'98/02/27 | TITLE<br>RING TERMINAL<br>NON-INSULATED CRIMPSTYLE<br>TERM FOR CU CONDUCTORS |                        |                           |  |  |
|                                                                                |                                                            | 10 OVER 30 UNDER                         | ± ---                                                                                                                         | CHECKED BY<br>M.FUKUSHIMA  | DATE<br>'98/03/03 |                                                                              |                        |                           |  |  |
|                                                                                |                                                            | 30 OVER                                  | ± ---                                                                                                                         | APPROVED BY<br>M.FUKUSHIMA | DATE<br>'98/03/03 |                                                                              |                        |                           |  |  |
|                                                                                |                                                            | ANGULAR ± --- °                          |                                                                                                                               | MATERIAL NO.               |                   | DOCUMENT NO.                                                                 |                        | SHEET NO.                 |  |  |
|                                                                                | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                          | SEE CHART                                                                                                                     |                            | SD-50411-001      |                                                                              | 1 OF 1                 |                           |  |  |
|                                                                                | REV                                                        | C                                        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                            |                   |                                                                              |                        |                           |  |  |