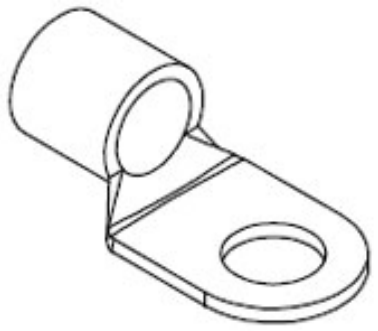
This document was generated on 05/21/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0193174020
**Status:** Active
**Overview:** versakrimp_terminals_and_splices
**Description:** VersaKrimp™ SL Ring Type Connectors, Tin Plated Copper, Wire Size 500MCM-600MCM, 3/4" Stud Size



*Series image - Reference only*

**Documents:**
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Ring and Spade Terminals |
| Series | 19317 |
| Comments | 420.0A |
| Crimp Quality Equipment | Yes |
| Mil-Spec | N/A |
| Overview | versakrimp_terminals_and_splices |
| Product Name | VersaKrimp™ |
| Type | Ring |

## Physical

| | |
|---|---|
| Barrel Type | Closed - Brazed |
| Insulation | None |
| Material - Metal | Copper |
| Material - Plating Mating | Tin |
| Packaging Type | Bag |
| Stud Size | 3/4" (M18) |
| Wire Size AWG | 500MCM, 550MCM, 600MCM |

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Sales Drawing | SD-19317-001 |

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

**China RoHS**

**Need more information on product environmental compliance?**

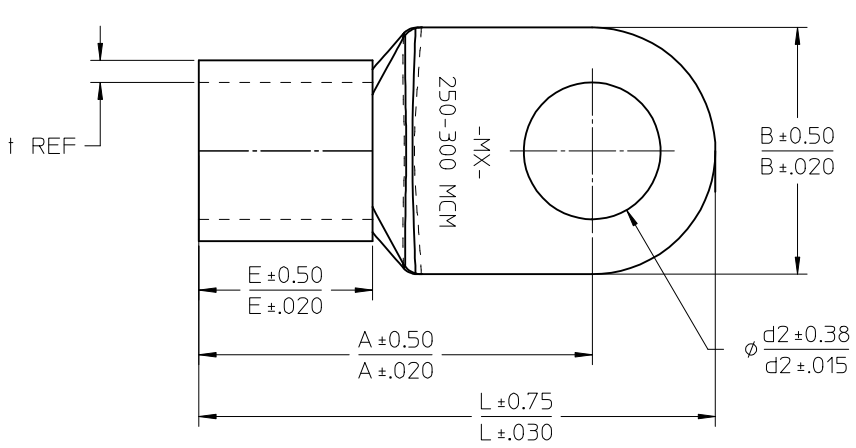
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

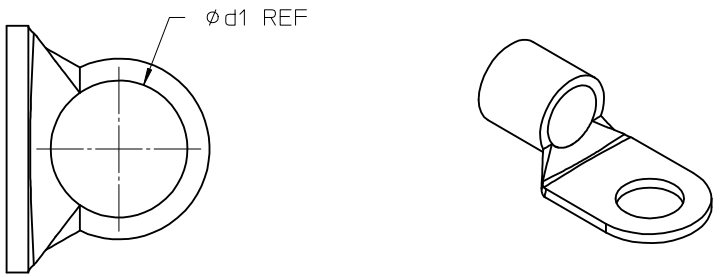
**Search Parts in this Series**
19317Series

This document was generated on 05/21/2010

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**




19317-4027 SHOWN




| MATERIAL NO. | WIRE RANGE MCM | WIRE RANGE mm² | A | B | d1ø | d2ø | E | L | t (mm / inch) |
|---|---|---|---|---|---|---|---|---|---|
| 193171008 | 250-300 | 117-152 | 50.0 / 1.97 | 36.0 / 1.42 | 19.5 / 0.77 | 8.4 / 0.33 | 27.0 / 1.06 | 66.0 / 2.60 | 3.2 / 0.13 |
| 193171010 | 250-300 | 117-152 | 50.0 / 1.97 | 36.0 / 1.42 | 19.5 / 0.77 | 10.5 / 0.41 | 27.0 / 1.06 | 66.0 / 2.60 | 3.2 / 0.13 |
| 193171012 | 250-300 | 117-152 | 50.0 / 1.97 | 36.0 / 1.42 | 19.5 / 0.77 | 13.0 / 0.51 | 27.0 / 1.06 | 66.0 / 2.60 | 3.2 / 0.13 |
| 193171014 | 250-300 | 117-152 | 50.0 / 1.97 | 36.0 / 1.42 | 19.5 / 0.77 | 15.0 / 0.59 | 27.0 / 1.06 | 66.0 / 2.60 | 3.2 / 0.13 |
| 193171016 | 250-300 | 117-152 | 50.0 / 1.97 | 36.0 / 1.42 | 19.5 / 0.77 | 17.0 / 0.67 | 27.0 / 1.06 | 66.0 / 2.60 | 3.2 / 0.13 |
| 193171110 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 10.5 / 0.33 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171112 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 13.0 / 0.51 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171116 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 17.0 / 0.67 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171018 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 19.0 / 0.75 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171020 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 21.0 / 0.83 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171022 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 23.0 / 0.91 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171024 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 25.0 / 0.98 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |
| 193171027 | 250-300 | 117-152 | 63.0 / 2.48 | 36.0 / 1.42 | 19.5 / 0.77 | 28.0 / 1.10 | 27.0 / 1.06 | 81.0 / 3.19 | 3.2 / 0.13 |

NOTES:
1. MATERIAL: TIN PLATED COPPER
2. PRODUCT IS ROHS COMPLIANT
3. TERMINAL MARKED AS SHOWN

ENTER DESCRIPTION
EC NO: WNA2009-0877 2009/06/29
DRWN:MODELL 2009/06/30
CH'KD:
APPR:RDEROSS 2009/07/01
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:2
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MODELL DATE: 2009/02/18
CHECKED BY: RDEROSS DATE: 2009/02/18
APPROVED BY: RDEROSS DATE: 2009/02/18

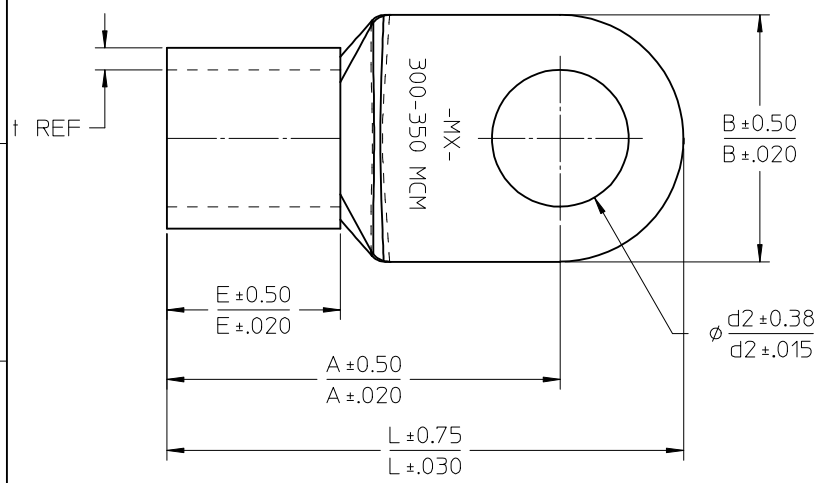
TITLE
SL SERIES
RING TYPE CONNECTORS
250-600MCM

MOLEX INCORPORATED

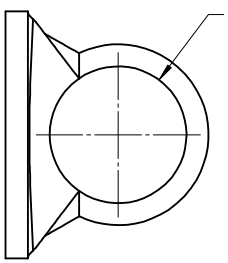
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-19317-001
SHEET NO.: 1 OF 4

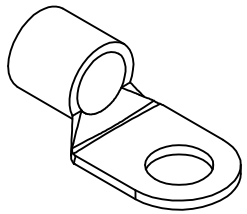
SIZE B

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




19317-4027 SHOWN



mm / inch

| MATERIAL NO. | WIRE RANGE MCM | WIRE RANGE mm² | A | B | d1ø | d2ø | E | L | t |
|---|---|---|---|---|---|---|---|---|---|
| 193172008 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 8.4 / 0.33 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172010 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 10.5 / 0.41 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172012 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 13.0 / 0.51 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172014 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 15.0 / 0.59 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172016 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 17.0 / 0.67 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172112 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 13.0 / 0.51 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172116 | 300-350 | 152-193 | 53.0 / 2.09 | 38.5 / 1.52 | 21.0 / 0.83 | 17.0 / 0.67 | 28.5 / 1.12 | 69.0 / 2.72 | 3.5 / 0.14 |
| 193172018 | 300-350 | 152-193 | 67.5 / 2.66 | 38.5 / 1.52 | 21.0 / 0.83 | 19.0 / 0.75 | 28.5 / 1.12 | 86.8 / 3.42 | 3.5 / 0.14 |
| 193172020 | 300-350 | 152-193 | 67.5 / 2.66 | 38.5 / 1.52 | 21.0 / 0.83 | 21.0 / 0.83 | 28.5 / 1.12 | 86.8 / 3.42 | 3.5 / 0.14 |
| 193172022 | 300-350 | 152-193 | 67.5 / 2.66 | 38.5 / 1.52 | 21.0 / 0.83 | 23.0 / 0.91 | 28.5 / 1.12 | 86.8 / 3.42 | 3.5 / 0.14 |
| 193172024 | 300-350 | 152-193 | 67.5 / 2.66 | 38.5 / 1.52 | 21.0 / 0.83 | 25.0 / 0.98 | 28.5 / 1.12 | 86.8 / 3.42 | 3.5 / 0.14 |
| 193172027 | 300-350 | 152-193 | 67.5 / 2.66 | 38.5 / 1.52 | 21.0 / 0.83 | 28.0 / 1.10 | 28.5 / 1.12 | 86.8 / 3.42 | 3.5 / 0.14 |

SEE NOTES ON SHEET 1

ENTER DESCRIPTION
EC NO: WNA2009-0877 2009/06/29
DRWN:MODELL 2009/06/30
CH'KD:
APPR:RDEROSS 2009/07/01
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:2
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MODELL DATE: 2009/02/18
CHECKED BY: RDEROSS DATE: 2009/02/18
APPROVED BY: RDEROSS DATE: 2009/02/18

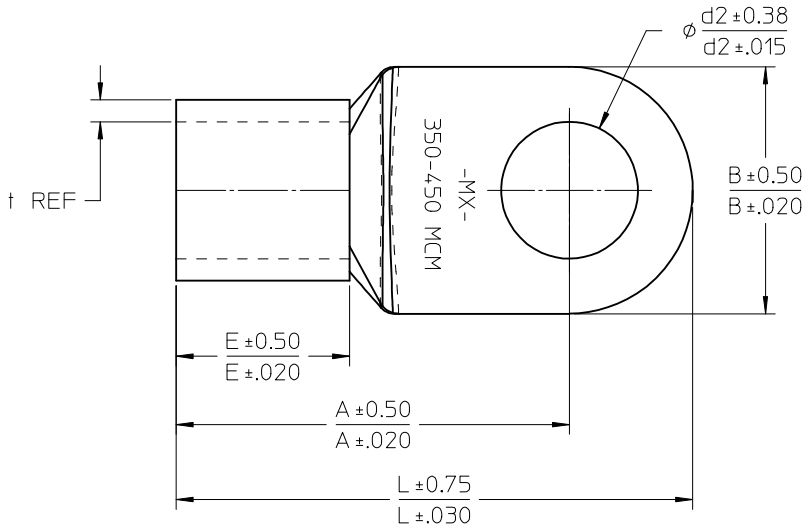
TITLE
SL SERIES
RING TYPE CONNECTORS
250-600MCM

MOLEX INCORPORATED

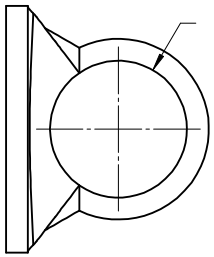
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-19317-001
SHEET NO.: 2 OF 4

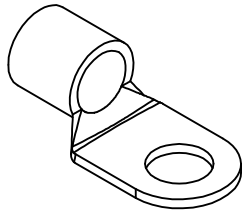
SIZE B

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




19317-4027 SHOWN



| MATERIAL NO. | WIRE RANGE | | A Ⓕ | B | d1ø | d2ø | E | L Ⓕ | t (mm / inch) |
|---|---|---|---|---|---|---|---|---|---|
| | MCM | mm | | | | | | | |
| 193173008 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 8.4 / 0.33 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173010 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 10.5 / 0.41 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173012 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 13.0 / 0.51 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173014 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 15.0 / 0.59 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173016 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 17.0 / 0.67 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173112 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 13.0 / 0.51 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173116 | 350-450 | 193-242 | 56.0 / 2.20 | 44.0 / 1.73 | 24.0 / 0.94 | 17.0 / 0.67 | 31.5 / 1.24 | 72.0 / 2.83 | 4.0 / 0.16 |
| 193173018 | 350-450 | 193-242 | 69.0 / 2.72 | 44.0 / 1.73 | 24.0 / 0.94 | 19.0 / 0.75 | 31.5 / 1.24 | 91.0 / 3.58 | 4.0 / 0.16 |
| 193173020 | 350-450 | 193-242 | 69.0 / 2.72 | 44.0 / 1.73 | 24.0 / 0.94 | 21.0 / 0.83 | 31.5 / 1.24 | 91.0 / 3.58 | 4.0 / 0.16 |
| 193173022 | 350-450 | 193-242 | 69.0 / 2.72 | 44.0 / 1.73 | 24.0 / 0.94 | 23.0 / 0.91 | 31.5 / 1.24 | 91.0 / 3.58 | 4.0 / 0.16 |
| 193173024 | 350-450 | 193-242 | 69.0 / 2.72 | 44.0 / 1.73 | 24.0 / 0.94 | 25.0 / 0.98 | 31.5 / 1.24 | 91.0 / 3.58 | 4.0 / 0.16 |
| 193173027 | 350-450 | 193-242 | 69.0 / 2.72 | 44.0 / 1.73 | 24.0 / 0.94 | 28.0 / 1.10 | 31.5 / 1.24 | 91.0 / 3.58 | 4.0 / 0.16 |

SEE NOTES ON SHEET 1

ENTER DESCRIPTION
EC NO: WNA2009-0877 2009/06/29
DRWN:MODELL 2009/06/30
CH'KD:
APPR:RDEROSS 2009/07/01
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:2
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MODELL DATE: 2009/02/18
CHECKED BY: RDEROSS DATE: 2009/02/18
APPROVED BY: RDEROSS DATE: 2009/02/18

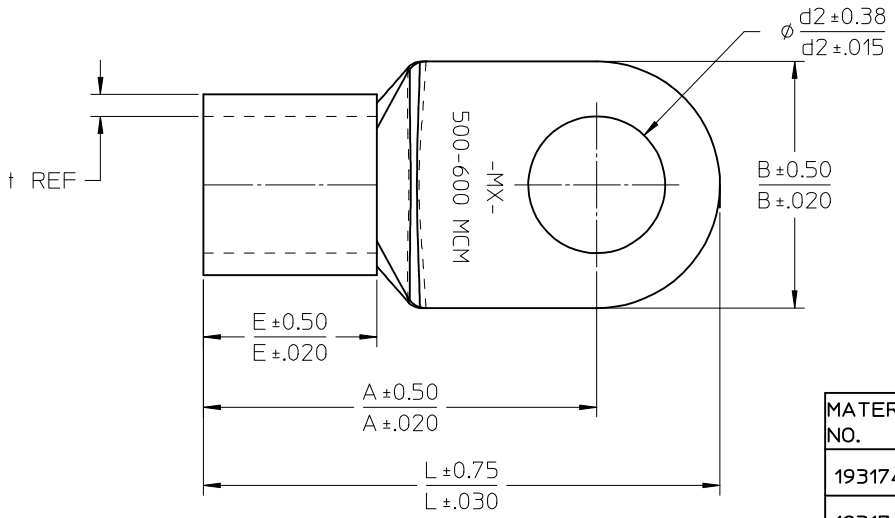
TITLE: SL SERIES
RING TYPE CONNECTORS
250-600MCM

MOLEX INCORPORATED

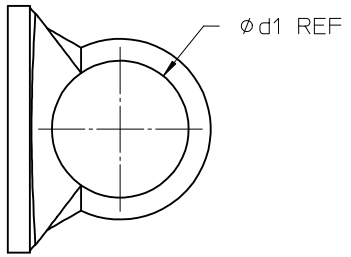
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-19317-001
SHEET NO.: 3 OF 4

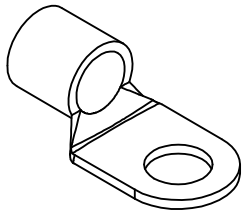
SIZE B

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




19317-4027 SHOWN



mm / inch

| MATERIAL NO. | WIRE RANGE MCM | WIRE RANGE mm² | A | B | d1ø | d2ø | E | L | t |
|---|---|---|---|---|---|---|---|---|---|
| 193174008 | 500-600 | 245-325 | 69.0 / 2.72 | 50.5 / 1.99 | 28.0 / 1.10 | 8.4 / 0.33 | 35.5 / 1.40 | 88.0 / 3.46 | 4.5 / 0.18 |
| 193174010 | 500-600 | 245-325 | 69.0 / 2.72 | 50.5 / 1.99 | 28.0 / 1.10 | 10.5 / 0.41 | 35.5 / 1.40 | 88.0 / 3.46 | 4.5 / 0.18 |
| 193174012 | 500-600 | 245-325 | 69.0 / 2.72 | 50.5 / 1.99 | 28.0 / 1.10 | 13.0 / 0.51 | 35.5 / 1.40 | 88.0 / 3.46 | 4.5 / 0.18 |
| 193174014 | 500-600 | 245-325 | 69.0 / 2.72 | 50.5 / 1.99 | 28.0 / 1.10 | 15.0 / 0.59 | 35.5 / 1.40 | 88.0 / 3.46 | 4.5 / 0.18 |
| 193174016 | 500-600 | 245-325 | 69.0 / 2.72 | 50.5 / 1.99 | 28.0 / 1.10 | 17.0 / 0.67 | 35.5 / 1.40 | 88.0 / 3.46 | 4.5 / 0.18 |
| 193174112 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 13.0 / 0.51 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |
| 193174116 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 17.0 / 0.67 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |
| 193174018 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 19.0 / 0.75 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |
| 193174020 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 21.0 / 0.83 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |
| 193174022 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 23.0 / 0.91 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |
| 193174024 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 25.0 / 0.98 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |
| 193174027 | 500-600 | 245-325 | 80.5 / 3.17 | 50.5 / 1.99 | 28.0 / 1.10 | 28.0 / 1.10 | 35.5 / 1.40 | 105.7 / 4.16 | 4.5 / 0.18 |

SEE NOTES ON SHEET 1

ENTER DESCRIPTION
EC NO: WNA2009-0877 2009/06/29
DRWN:MODELL 2009/06/30
CH'KD:
APPR:RDEROSS 2009/07/01
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE | ± --- | ± --- |
| ANGULAR ±---° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 1:2
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MODELL DATE: 2009/02/18
CHECKED BY: RDEROSS DATE: 2009/02/18
APPROVED BY: RDEROSS DATE: 2009/02/18

TITLE
SL SERIES
RING TYPE CONNECTORS
250-600MCM

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-19317-001
SHEET NO.: 4 OF 4

SIZE B

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