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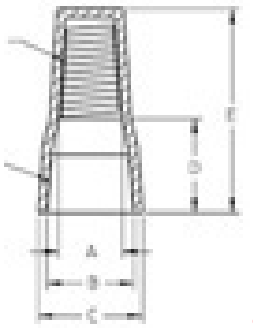
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0191600043
**Status:** Active
**Description:** Twist Lock Splice for 8-22 AWG Wire



*Series image - Reference only*

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

## Agency Certification

| | |
|---|---|
| CSA | LR700095 |
| UL | E32244 |

## General

| | |
|---|---|
| Product Family | Splices |
| Series | 19160 |
| Crimp Quality Equipment | Yes |
| Mil-Spec | N/A |
| MolexKits | Yes |
| Product Name | Closed-End Twist Lock |

## Physical

| | |
|---|---|
| Barrel Type | Closed |
| Flammability | 94V-2 |
| Insulation | Nylon (PA) |
| Packaging Type | Bag |
| Temperature Range - Operating | 105°C |
| Wire Insulation Diameter | 12.9mm (.51") max |
| Wire Size AWG | 10, 12, 14, 16, 18, 20, 22, 24, 26, 8 |
| Wire Size mm² | 0.25 - 10.5 |

## Electrical

| | |
|---|---|
| Voltage - Maximum | 600V |

## Material Info

| | |
|---|---|
| Old Part Number | TL-R |

## Reference - Drawing Numbers

| | |
|---|---|
| Sales Drawing | SD-19160-005 |

**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**
19160Series

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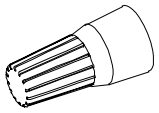
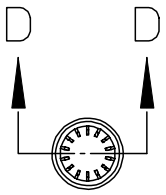
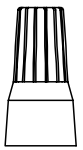
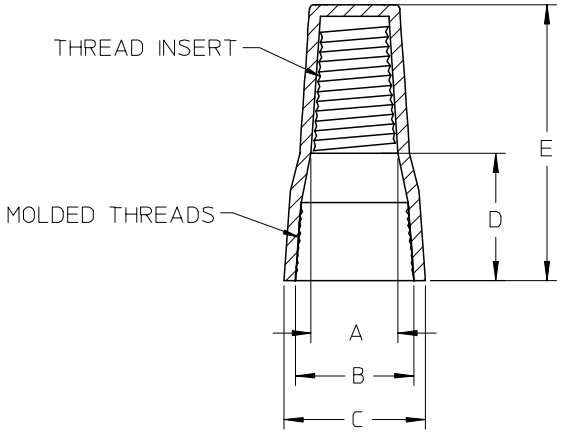
| MATERIAL NUMBER | ENGINEERING NUMBER | COLOR | WIRE RANGE | WIRE RANGE MIN. | WIRE RANGE MAX. | VOLTAGE MAX. | DIM A | DIM B | DIM C | DIM D | DIM E |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 191600039 | TL-G | GREY | 22-14 | 2#22 | 1#14 & 1#20 | 300 | .15/3.8 | .26/6.6 | .34/8.6 | .23/5.8 | .60/15.2 |
| 191600040 | TL-B | BLUE | 22-14 | 2#22 | 3#16 | 300 | .16/4.1 | .28/7.1 | .39/9.9 | .23/5.8 | .69/17.5 |
| 191600041 | TL-O | ORANGE | 22-14 | 1#18 & 1#20 | 4#16 & 1#20 | 600* | .20/5.1 | .39/9.9 | .48/12.2 | .31/7.9 | .87/22.1 |
| 191600042 | TL-Y | YELLOW | 22-10 | 3#20 | 1#10 & 2#14 & 1#16 | 600* | .24/6.1 | .44/11.2 | .55/13.97 | .31/7.9 | .95/24.1 |
| 191600043 | TL-R | RED | 22-8 | 3#18 | 3#10 | 600* | .30/7.6 | .51/12.9 | .65/16.5 | .36/9.1 | 1.04/26.4 |








SECTION D-D
SCALE 2:1

REF NOTES:

1.) WORKING TEMP. 105°C
2.) HOUSING MATERIAL: UL 94V-2
FLAME RETARDANT THERMOPLASTIC
3.) * = 1000V MAX. IN LIGHTING FIXTURES AND SIGNS.
4.) MOLEX UL FILE NO.: E32244
5.) MOLEX CSA FILE NO.: 700095 (B)

EC NO:
DRWN: ASAYDEH 2005/11/03
CH'KD: RDEROSS 2005/11/15
APPR: RDEROSS 2005/11/21
DESCRIPTION
REV
B

QUALITY SYMBOLS
▼ = 0
▽(C) = 0

| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± .02 |
| 1 PLACE | ± 0.5 | ± --- |
| ANGULAR ± 1 ° | | |

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

SCALE: 1:1
DESIGN UNITS: INCH
DIMENSION STYLE: IN/MM
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY
DRAWN BY: B.RUPERT DATE: 11/07/03
CHECKED BY: J.PAWLIC DATE: 11/08/03
APPROVED BY: R.DEROSS DATE: 11/09/03

TITLE
WIRE NUT CONNECTORS
SCREW-ON TYPE

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19160-005
SHEET NO.: 1 OF 1

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B

tb_frame_B
rev. B1 2000/08/01