

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0901560152

Status:

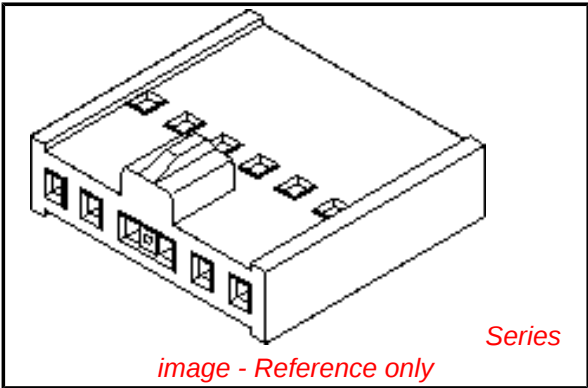
Active

Overview:

cgrid\_iii

Description:

2.54mm (.100") Pitch C-Grid III™ Crimp Housing - Single Row, 12 Circuits



Documents:

3D Model

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

| General                       |                 |
|-------------------------------|-----------------|
| Product Family                | Crimp Housings  |
| Series                        | 90156           |
| Overview                      | cgrid_iii       |
| Product Name                  | C-Grid III™     |
| Physical                      |                 |
| Breakaway                     | No              |
| Circuits (maximum)            | 12              |
| Color - Resin                 | Black           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Lock to Mating Part           | Yes             |
| Material - Resin              | PPO             |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface (in) | 0.100 In        |
| Pitch - Mating Interface (mm) | 2.54 mm         |
| Temperature Range - Operating | -55°C to +105°C |
| Electrical                    |                 |
| Current - Maximum per Contact | 3A              |
| Material Info                 |                 |
| Reference - Drawing Numbers   |                 |
| Sales Drawing                 | SDA-90156       |

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

90156Series

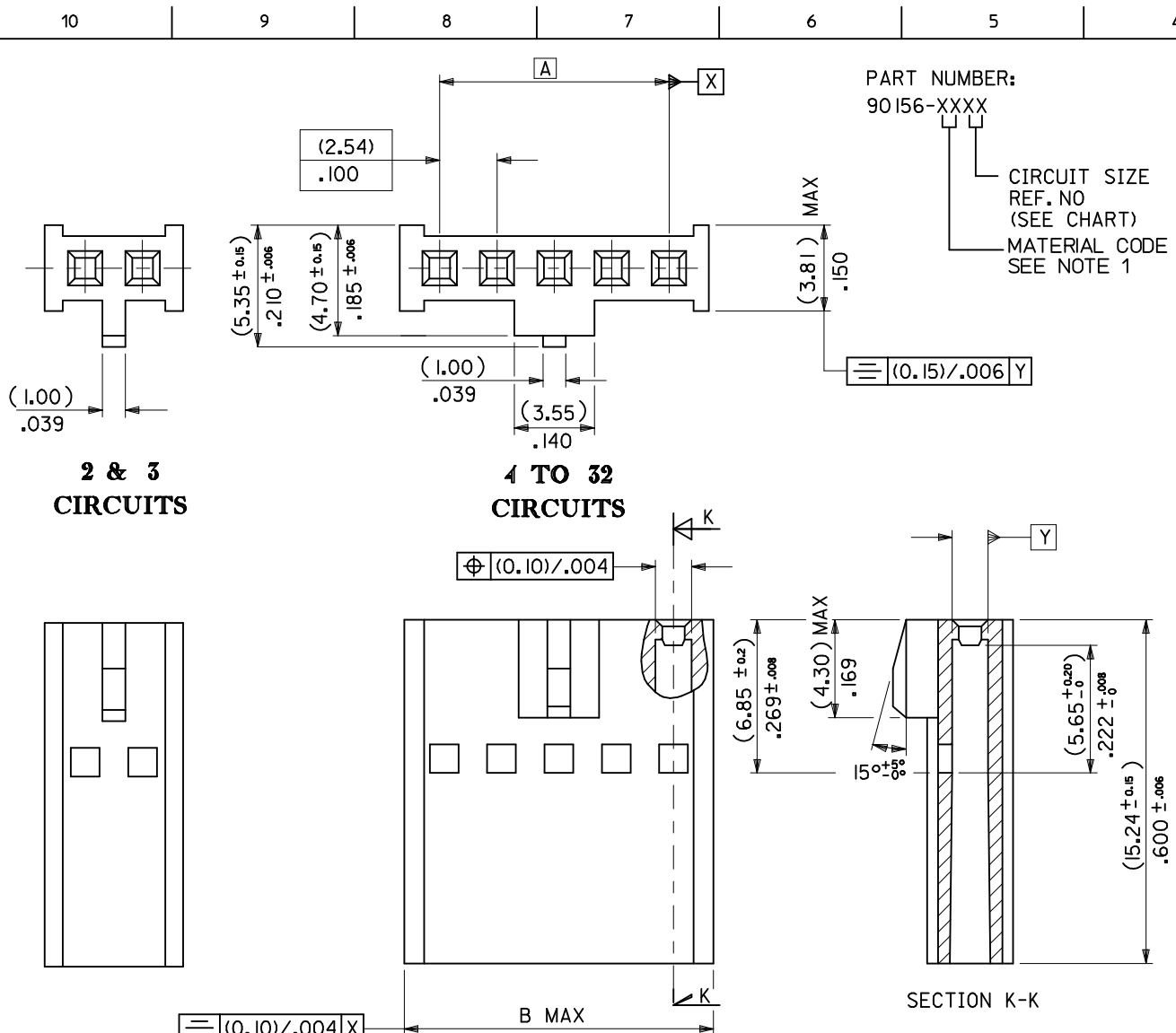
Mates With

90120 , 90121, 90136

Use With

90119

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PART NUMBER:  
90156-XXXX

CIRCUIT SIZE  
REF. NO  
(SEE CHART)

MATERIAL CODE :  
SEE NOTE 1

| No.OF CKTS | PART NUMBER | DIM A             | DIM B             |
|------------|-------------|-------------------|-------------------|
| 2          | 90156-XX42  | ( 2.54 ) / .100   | ( 6.14 ) / .342   |
| 3          | XX43        | ( 5.08 ) / .200   | ( 8.68 ) / .342   |
| 4          | XX44        | ( 7.62 ) / .300   | ( 11.22 ) / .442  |
| 5          | XX45        | ( 10.16 ) / .400  | ( 13.76 ) / .542  |
| 6          | XX46        | ( 12.70 ) / .500  | ( 16.30 ) / .642  |
| 7          | XX47        | ( 15.24 ) / .600  | ( 18.84 ) / .742  |
| 8          | XX48        | ( 17.78 ) / .700  | ( 21.38 ) / .842  |
| 9          | XX49        | ( 20.32 ) / .800  | ( 23.92 ) / .942  |
| 10         | XX50        | ( 22.86 ) / .900  | ( 26.46 ) / 1.042 |
| 11         |             |                   |                   |
| 12         | XX52        | ( 27.94 ) / 1.100 | ( 31.54 ) / 1.242 |
| 13         | XX53        | ( 30.48 ) / 1.200 | ( 34.08 ) / 1.342 |
| 14         | XX54        | ( 33.02 ) / 1.300 | ( 36.62 ) / 1.442 |
| 15         | XX55        | ( 35.56 ) / 1.400 | ( 39.16 ) / 1.542 |
| 16         | XX56        | ( 38.10 ) / 1.500 | ( 41.70 ) / 1.642 |
| 17         |             |                   |                   |
| 18         | XX58        | ( 43.18 ) / 1.700 | ( 46.78 ) / 1.842 |
| 19         |             |                   |                   |
| 20         | XX60        | ( 48.26 ) / 1.900 | ( 51.86 ) / 2.042 |
| 21         |             |                   |                   |
| 22         | XX62        | ( 53.34 ) / 2.100 | ( 56.94 ) / 2.242 |
| 23         |             |                   |                   |
| 24         |             |                   |                   |
| 25         | XX65        | ( 60.96 ) / 2.400 | ( 64.56 ) / 2.542 |
| 26         |             |                   |                   |
| 27         |             |                   |                   |
| 28         |             |                   |                   |
| 29         |             |                   |                   |
| 30         | XX70        | ( 73.66 ) / 2.900 | ( 77.26 ) / 3.042 |
| 31         |             |                   |                   |
| 32         | 90156-XX72  | ( 78.74 ) / 3.100 | ( 82.34 ) / 3.242 |

NOTES:

1 MATERIAL CODE XX: 90156 - XX\*\* :

01-POLYPHENYLENE OXIDE (PPO) UL 94 V-1 COLOUR BLACK

02-POLYPHENYLENE OXIDE (PPO) UL 94 V-1 COLOUR GREY

10-GLOW WIRE OPTION POLYESTER (PBT) UL94 V-2 COLOUR NATURAL

2. PRODUCT SPECIFICATION: PS-99020-0001

|                                                                                                                           |                    |                                                  |                                                            |        |                          |                       |                          |                                                                                                                                  |                           |  |  |           |
|---------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------|------------------------------------------------------------|--------|--------------------------|-----------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|--|--|-----------|
| ADDED GWT OPTION<br>EC NO: E2009-0175<br>DRAWN: BMAGUIRE 2008/09/29<br>CHKD: 2008/09/29<br>APPR: BMAGUIRE 2008/09/30<br>P | DESCRIPTION<br>REV | QUALITY SYMBOLS<br><div>▽=0</div> <div>▽=0</div> | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM/IN |                       | SCALE<br>5:1             | DESIGN UNITS<br>METRIC                                                                                                           | THIRD ANGLE<br>PROJECTION |  |  |           |
|                                                                                                                           |                    |                                                  |                                                            | mm     | INCH                     | DRAWN BY<br>GMC SWEEN | DATE<br>2004/05/07       | TITLE<br>C GRID III SINGLE ROW<br>CRIMP CONNECTOR HOUSING                                                                        |                           |  |  |           |
|                                                                                                                           |                    |                                                  | 4 PLACES ± ---                                             | ± ---  | CHECKED BY<br>JDENNEHY   | DATE<br>2004/05/13    |                          |                                                                                                                                  |                           |  |  |           |
|                                                                                                                           |                    |                                                  | 3 PLACES ± ---                                             | ± .004 | APPROVED BY<br>JDENNEHY  | DATE<br>2004/05/13    | MOLEX MOLEX INCORPORATED |                                                                                                                                  |                           |  |  |           |
|                                                                                                                           |                    |                                                  | 2 PLACES ± 0.1                                             | ± ---  | MATERIAL NO.             | DOCUMENT NO.          |                          |                                                                                                                                  |                           |  |  | SHEET NO. |
|                                                                                                                           |                    |                                                  | 1 PLACE ± ---                                              | ± ---  | SEE CHART                |                       | SDA-90156                |                                                                                                                                  | 1 OF 1                    |  |  |           |
|                                                                                                                           |                    |                                                  | ANGULAR ± 2 °                                              |        |                          | SIZE<br>A3            |                          | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                           |  |  |           |
|                                                                                                                           |                    |                                                  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                          |                       |                          |                                                                                                                                  |                           |  |  |           |
|                                                                                                                           |                    |                                                  |                                                            |        |                          |                       |                          |                                                                                                                                  |                           |  |  |           |