

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0082226107](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch Round Conductor Flat Cable - 22 AWG (7 x 30) Stranded, Tinned, 7 Circuits, Reel 30.48m (100.0' ) Length

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR61126 |
| UL  | E61522  |

**General**

|                         |                      |
|-------------------------|----------------------|
| Product Family          | Cable                |
| Series                  | <a href="#">7560</a> |
| Crimp Quality Equipment | Yes                  |
| Geographic Area         | Asia                 |
| Product Name            | Ribbon               |

**Physical**

|                               |                         |
|-------------------------------|-------------------------|
| Cable Length                  | 30.48m (100.0' )        |
| Circuits (Loaded)             | 7                       |
| Insulation                    | PVC                     |
| Packaging Type                | Reel                    |
| Pitch - Term. Interface (in)  | 0.100 In                |
| Pitch - Term. Interface (mm)  | 2.54 mm                 |
| Temperature Range - Operating | -20°C to +105°C         |
| Wire Size AWG                 | 22                      |
| Wire/Cable Type               | (7x30) Stranded, Tinned |

**Electrical**

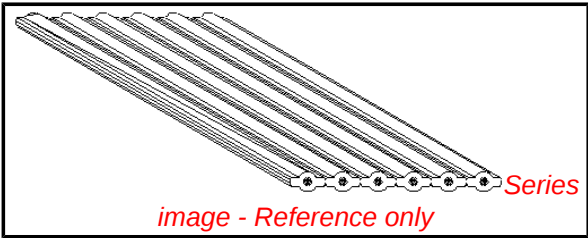
|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | N/A  |
| Voltage - Maximum             | 300V |

**Material Info**

|                 |              |
|-----------------|--------------|
| Old Part Number | 7560-07-100B |
|-----------------|--------------|

**Reference - Drawing Numbers**

|               |             |
|---------------|-------------|
| Sales Drawing | SD-7560-001 |
|---------------|-------------|



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

**China RoHS**



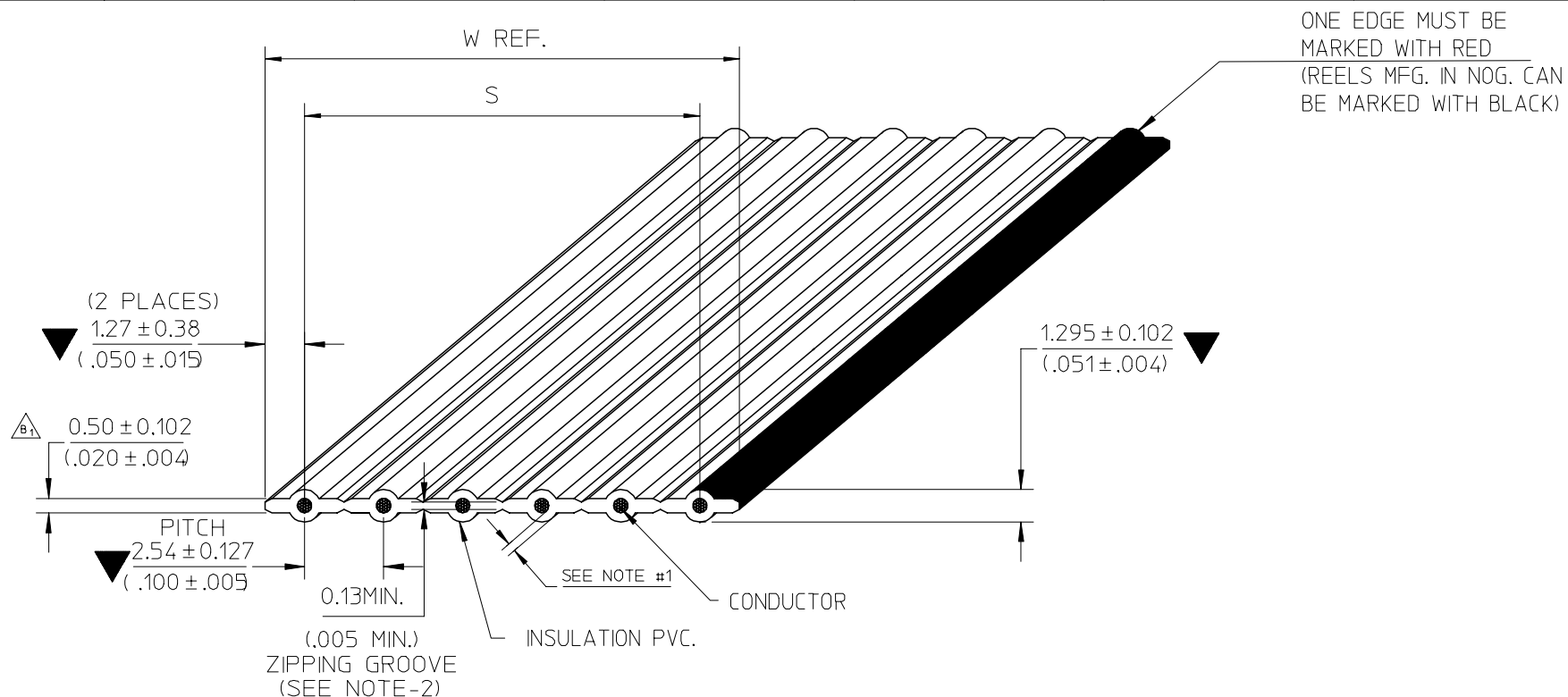
**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](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**  
[7560Series](#)

**Use With**  
[70400](#) C-Grid SL™ IDT Connector Assembly. [70475](#) SL™ IDT Connector Assembly. [7720](#) KK® IDT Double Cantilever Contact



- NOTE :
1. THE CABLE SHALL HAVE A MINIMUM OF 0.178mm. (.007") THICKNESS INSULATION AT ANY POINT
  2. RIP TEST:
    - THE 0.13mm. (.005") ZIPPING GROOVE SHALL BE CAPABLE OF BEING RIPPED BY HAND WITHIN THE RECESS, WITHOUT EXPOSING THE ADJACENT CONDUCTORS
  3. RoHS AND LEAD FREE COMPLIANT
  4. SPECIAL REQUIREMENT: N/A

|              |           |                                                                                   |          |
|--------------|-----------|-----------------------------------------------------------------------------------|----------|
| B            | E-07-0748 | B <sub>2</sub> : ADD NON-OPERATING TEMP.<br>B <sub>1</sub> : CHANGE WEB THICKNESS | 07/09/26 |
| A            | N/A       | NEW RELEASE                                                                       | 06/07/18 |
| REV. HISTORY | EC NO.    | DETAIL                                                                            | DATE     |

SEE CHANGE DETAIL  
EC NO: THL2008-0015  
DRWN: CPANSAKHOM 2007/11/28  
CHKD: DNARINTARA 2007/11/29  
APPR: SVIRATJAPOL 2007/12/04

| QUALITY SYMBOLS | DESCRIPTION |
|-----------------|-------------|
| ▽=3             |             |
| ▽=0             |             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                |       |
|------------------------------------------------------|-------|
|                                                      |       |
| 4 PLACES                                             | ± --- |
| 3 PLACES                                             | ± --- |
| 2 PLACES                                             | ± --- |
| 1 PLACE                                              | ± --- |
| ANGULAR ± ---°                                       |       |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |       |

|                            |                                                                                                                               |                                                                                  |                      |                           |  |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------|---------------------------|--|
| DIMENSION STYLE<br>MM/IN   |                                                                                                                               | SCALE<br>NTS                                                                     | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |  |
| DRAWN BY<br>CPANSAKHOM     | DATE<br>2006/07/18                                                                                                            | TITLE<br>FCB ROUND CONDUCTOR<br>2.54MM(.100)CENTER PVC.<br>22AWG STRANDED TINNED |                      |                           |  |
| CHECKED BY<br>PMEECHAI     | DATE<br>2006/07/18                                                                                                            |                                                                                  |                      |                           |  |
| APPROVED BY<br>SVIRATJAPOL | DATE<br>2006/07/18                                                                                                            | MOLEX MOLEX INCORPORATED                                                         |                      |                           |  |
| MATERIAL NO.<br>SEE CHART  |                                                                                                                               | DOCUMENT NO.<br>SD-7560-001                                                      |                      | SHEET NO.<br>1 OF 3       |  |
| SIZE<br>A4                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                  |                      |                           |  |



7 6 5 4 3 2 1

E

D

C

B

A

E

D

C

B

A

| CHART A<br>DIMENSIONS MM. (INCHES) |                |                         |                 | SHIPPED ON<br>100FT. REELS |              |
|------------------------------------|----------------|-------------------------|-----------------|----------------------------|--------------|
| ENG. NO.                           | NO.OF<br>COND. | DIMENSION<br>S          | DIM. W<br>(REF) | ENGINEERING<br>NO.         | ORDER<br>NO. |
| 7560-02                            | 2              | 2.54±0.127 (.100±.005)  | 5.08 (.200)     | 7560-02-100B               | 82-22-6102   |
| 7560-03                            | 3              | 5.08±0.20 (.200±.008)   | 7.62 (.300)     | 7560-03-100B               | 82-22-6103   |
| 7560-04                            | 4              | 7.62±0.30 (.300±.012)   | 10.16 (.400)    | 7560-04-100B               | 82-22-6104   |
| 7560-05                            | 5              | 10.16±0.33 (.400±.013)  | 12.70 (.500)    | 7560-05-100B               | 82-22-6105   |
| 7560-06                            | 6              | 12.70±0.33 (.500±.013)  | 15.24 (.600)    | 7560-06-100B               | 82-22-6106   |
| 7560-07                            | 7              | 15.24±0.33 (.600±.013)  | 17.78 (.700)    | 7560-07-100B               | 82-22-6107   |
| 7560-08                            | 8              | 17.78±0.33 (.700±.013)  | 20.32 (.800)    | 7560-08-100B               | 82-22-6108   |
| 7560-09                            | 9              | 20.32±0.33 (.800±.013)  | 22.86 (.900)    | 7560-09-100B               | 82-22-6109   |
| 7560-10                            | 10             | 22.86±0.33 (.900±.013)  | 25.40 (1.000)   | 7560-10-100B               | 82-22-6110   |
| 7560-11                            | 11             | 25.40±0.33 (1.000±.013) | 27.94 (1.100)   | 7560-11-100B               | 82-22-6111   |
| 7560-12                            | 12             | 27.94±0.33 (1.100±.013) | 30.48 (1.200)   | 7560-12-100B               | 82-22-6112   |
| 7560-13                            | 13             | 30.48±0.33 (1.200±.013) | 33.02 (1.300)   | 7560-13-100B               | 82-22-6113   |
| 7560-14                            | 14             | 33.02±0.33 (1.300±.013) | 35.56 (1.400)   | 7560-14-100B               | 82-22-6114   |
| 7560-15                            | 15             | 35.56±0.33 (1.400±.013) | 38.10 (1.500)   | 7560-15-100B               | 82-22-6115   |
| 7560-16                            | 16             | 38.10±0.33 (1.500±.013) | 40.64 (1.600)   | 7560-16-100B               | 82-22-6116   |
| 7560-17                            | 17             | 40.64±0.33 (1.600±.013) | 43.18 (1.700)   | 7560-17-100B               | 82-22-6117   |
| 7560-18                            | 18             | 43.18±0.33 (1.700±.013) | 45.72 (1.800)   | 7560-18-100B               | 82-22-6118   |
| 7560-19                            | 19             | 45.72±0.33 (1.800±.013) | 48.26 (1.900)   | 7560-19-100B               | 82-22-6119   |
| 7560-20                            | 20             | 48.26±0.33 (1.900±.013) | 50.80 (2.000)   | 7560-20-100B               | 82-22-6120   |

ENGINEERING NO.

7560-XX-XXXX

A B C D

A : CABLE 2.54mm. (.100") CENTERS 22 AWG STRANDED TINNED

B : CONDUCTOR SIZE ( AVAILABILITY 2 THROUGH 20 )

C : CABLE LENGTH 100FT. (30.48M.)

D : A = INCHES

B = FEET

|                                                                                                                                     |             |                                       |                                                            |       |       |                            |                    |                                                                                                                                  |  |                          |  |                             |  |                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------|------------------------------------------------------------|-------|-------|----------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--------------------------|--|-----------------------------|--|---------------------|--|
| SEE CHANGE DETAIL<br>EC NO: THL2008-0015<br>DRWN:CPANSAKHOM 2007/11/28<br>CHKD:DNARINTARA 2007/11/29<br>APPR:SVIRATJAPOL 2007/12/04 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽ =<br><br>C = | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       |       | DIMENSION STYLE<br>MM/IN   |                    | SCALE<br>NTS                                                                                                                     |  | DESIGN UNITS<br>INCH     |  | THIRD ANGLE<br>PROJECTION   |  |                     |  |
|                                                                                                                                     |             |                                       |                                                            | mm    | INCH  | DRAWN BY<br>CPANSAKHOM     | DATE<br>2006/07/18 | TITLE<br>FCB ROUND CONDUCTOR<br>2.54MM(.100)CENTER PVC.<br>22AWG STRANDED TINNED                                                 |  |                          |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       | 4 PLACES                                                   | ± --- | ± --- | CHECKED BY<br>PMEECHAI     | DATE<br>2006/07/18 |                                                                                                                                  |  |                          |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       | 3 PLACES                                                   | ± --- | ± --- | APPROVED BY<br>SVIRATJAPOL |                    | DATE<br>2006/07/18                                                                                                               |  | molex MOLEX INCORPORATED |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       | 2 PLACES                                                   | ± --- | ± --- |                            |                    |                                                                                                                                  |  |                          |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       | 1 PLACE                                                    | ± --- | ± --- | MATERIAL NO.<br>SEE CHART  |                    |                                                                                                                                  |  |                          |  | DOCUMENT NO.<br>SD-7560-001 |  | SHEET NO.<br>3 OF 3 |  |
|                                                                                                                                     |             |                                       | ANGULAR ± ---°                                             |       |       |                            |                    |                                                                                                                                  |  |                          |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |       | SIZE<br>A 4                |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                          |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       |                                                            |       |       |                            |                    |                                                                                                                                  |  |                          |  |                             |  |                     |  |
|                                                                                                                                     |             |                                       |                                                            |       |       |                            |                    |                                                                                                                                  |  |                          |  |                             |  |                     |  |