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**Part Number:** [0082265503](#)  
**Status:** **Active**  
**Description:** 2.50mm (.098") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34 ) Stranded, Topcoat, 3 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 [40160](#)  
Crimp Quality Equipment Yes  
Geographic Area Asia  
Product Name Ribbon

**Physical**

Cable Length 30.48m (100.0' )  
Circuits (Loaded) 3  
Flammability VW-1  
Insulation PVC  
Packaging Type Reel  
Pitch - Term. Interface (in) 0.098 In  
Pitch - Term. Interface (mm) 2.50 mm  
Temperature Range - Operating -20°C to +105°C  
Wire Size AWG 26  
Wire/Cable Type (7x34) Stranded, Topcoat

**Electrical**

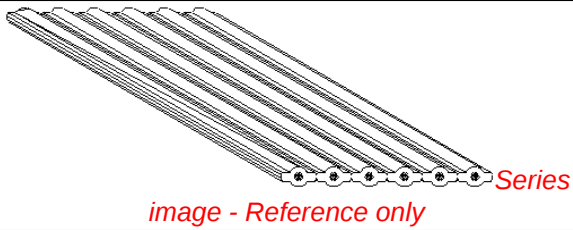
Current - Maximum per Contact N/A  
Voltage - Maximum 300V

**Material Info**

Old Part Number 40160-03-100B

**Reference - Drawing Numbers**

Sales Drawing SD-40160-001



**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**  
[40160Series](#)

**Use With**  
[42219](#) SPOX™ IDT Receptacle

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1

7 6 5 4 3 2 1

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C

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B

B

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A

| CHART A                 |            |                  |                         |               |
|-------------------------|------------|------------------|-------------------------|---------------|
| DIMENSIONS MM. (INCHES) |            |                  |                         |               |
| ENGINEERING NO.         | ORDER NO.  | NO. OF CONDUCTOR | DIMENSION S             | DIM. W (REF.) |
| 40160-02-100B           | 82-26-5502 | 2                | 2.50±0.10 (.098±.004)   | 5.00 (.197)   |
| ▲ -03- ▲                | ▲ 03       | 3                | 5.00±0.20 (.197±.008)   | 7.50 (.295)   |
| -04-                    | 04         | 4                | 7.50±0.30 (.295±.012)   | 10.00 (.394)  |
| -05-                    | 05         | 5                | 10.00±0.33 (.394±.013)  | 12.50 (.492)  |
| -06-                    | 06         | 6                | 12.50±0.33 (.492±.013)  | 15.00 (.591)  |
| -07-                    | 07         | 7                | 15.00±0.33 (.591±.013)  | 17.50 (.689)  |
| -08-                    | 08         | 8                | 17.50±0.33 (.689±.013)  | 20.00 (.787)  |
| -09-                    | 09         | 9                | 20.00±0.33 (.787±.013)  | 22.50 (.886)  |
| -10-                    | 10         | 10               | 22.50±0.33 (.886±.013)  | 25.00 (.984)  |
| -11-                    | 11         | 11               | 25.00±0.33 (.984±.013)  | 27.50 (1.083) |
| -12-                    | 12         | 12               | 27.50±0.33 (1.083±.013) | 30.00 (1.181) |
| -13-                    | 13         | 13               | 30.00±0.33 (1.181±.013) | 32.50 (1.280) |
| -14-                    | 14         | 14               | 32.50±0.33 (1.280±.013) | 35.00 (1.378) |
| -15-                    | 15         | 15               | 35.00±0.33 (1.378±.013) | 37.50 (1.476) |
| -16-                    | 16         | 16               | 37.50±0.33 (1.476±.013) | 40.00 (1.575) |
| -17-                    | 17         | 17               | 40.00±0.33 (1.575±.013) | 42.50 (1.673) |
| -18-                    | 18         | 18               | 42.50±0.33 (1.673±.013) | 45.00 (1.772) |
| -19-                    | 19         | 19               | 45.00±0.33 (1.772±.013) | 47.50 (1.870) |
| -20-                    | 20         | 20               | 47.50±0.33 (1.870±.013) | 50.00 (1.969) |
| -21-                    | 21         | 21               | 50.00±0.33 (1.969±.013) | 52.50 (2.067) |
| -22-                    | 22         | 22               | 52.50±0.33 (2.067±.013) | 55.00 (2.165) |
| ▼ -23- ▼                | ▼ 23       | 23               | 55.00±0.33 (2.165±.013) | 57.50 (2.264) |
| 40160-24-100B           | 82-26-5524 | 24               | 57.50±0.33 (2.264±.013) | 60.00 (2.362) |

ENGINEERING NO.

40160-XX-XXXX

A B C D

A : CABLE 2.50mm. (.098") CENTERS 26AWG STRANDED TOPCOATED

B : CONDUCTOR SIZE ( AVAILABILITY 2 THROUGH 24 )

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<br>REV | 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 PROJECTION |  |
|                                                                                                                                     |                    |                                        |                                       | mm    | INCH  | DRAWN BY<br>CPANSAKHOM                                                                                                        | DATE<br>2006/07/13 | TITLE<br>FCB ROUND CONDUCTOR<br>2.50MM(.098)CENTERS PVC.<br>26AWG STR TOPCOATED |                      |                                                                                                              |  |
|                                                                                                                                     |                    |                                        | 4 PLACES                              | ± --- | ± --- | CHECKED BY<br>PMEECHAI                                                                                                        | DATE<br>2006/07/13 |                                                                                 |                      |                                                                                                              |  |
|                                                                                                                                     |                    |                                        | 3 PLACES                              | ± --- | ± --- | APPROVED BY<br>SVIRATJAPOL                                                                                                    | DATE<br>2006/07/13 | molex MOLEX INCORPORATED                                                        |                      |                                                                                                              |  |
|                                                                                                                                     |                    |                                        | 2 PLACES                              | ± --- | ± --- | MATERIAL NO.<br>SEE CHART                                                                                                     |                    |                                                                                 |                      |                                                                                                              |  |
|                                                                                                                                     |                    |                                        | 1 PLACE                               | ± --- | ± --- | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                 |                      |                                                                                                              |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                          |                    |                                        |                                       |       |       |                                                                                                                               |                    |                                                                                 |                      |                                                                                                              |  |