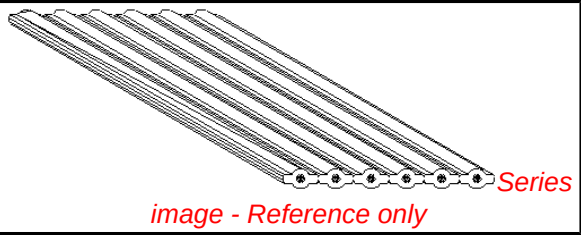


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0082265819](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34) Stranded, Topcoat, 19 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="#">8996</a> |
| Crimp Quality Equipment | Yes                  |
| Geographic Area         | Asia                 |
| Product Name            | Ribbon               |

**Physical**

|                               |                          |
|-------------------------------|--------------------------|
| Cable Length                  | 30.48m (100.0' )         |
| Circuits (Loaded)             | 19                       |
| 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                 | 26                       |
| Wire/Cable Type               | (7x34) Stranded, Topcoat |

**Electrical**

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

**Material Info**

|                 |              |
|-----------------|--------------|
| Old Part Number | 8996-19-100B |
|-----------------|--------------|

**Reference - Drawing Numbers**

|               |             |
|---------------|-------------|
| Sales Drawing | SD-8996-001 |
|---------------|-------------|

**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](#)

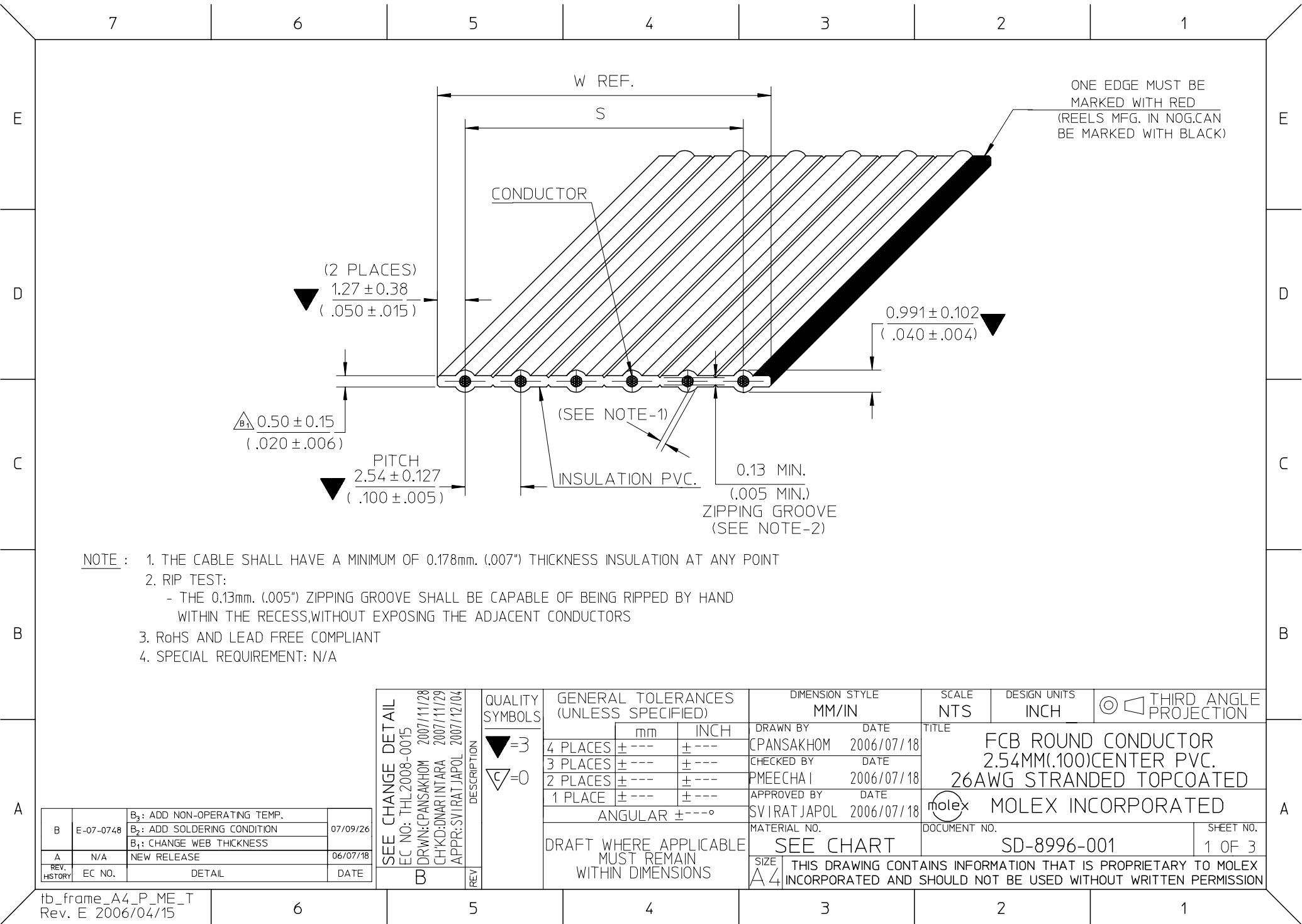
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**

[8996Series](#)

**Use With**

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



## D

## 1.

B

## A

tb\_frame\_A4\_P\_ME\_T  
Rev. E 2006/04/15

## 5

4

## 3

2

tb\_frame\_A4\_P\_ME\_T  
Rev. E 2006/04/15

tb\_frame\_A4\_P\_ME\_T  
Rev. E 2006/04/15

7 6 5 4 3 2 1

E

E

D

D

C

C

B

B

A

A

| CHART A                 |            |                  |                         |               |
|-------------------------|------------|------------------|-------------------------|---------------|
| DIMENSIONS MM. (INCHES) |            |                  |                         |               |
| ENGINEERING NO.         | ORDER NO.  | NO. OF CONDUCTOR | DIMENSION S             | DIM. W (REF.) |
| 8996-02-100B            | 82-26-5802 | 2                | 2.54±0.127 (.100±.005)  | 5.08 (.200)   |
| ▲ -03- ▲                | ▲ 03       | 3                | 5.08±0.20 (.200±.008)   | 7.62 (.300)   |
| -04-                    | 04         | 4                | 7.62±0.30 (.300±.012)   | 10.16 (.400)  |
| -05-                    | 05         | 5                | 10.16±0.33 (.400±.013)  | 12.70 (.500)  |
| -06-                    | 06         | 6                | 12.70±0.33 (.500±.013)  | 15.24 (.600)  |
| -07-                    | 07         | 7                | 15.24±0.33 (.600±.013)  | 17.78 (.700)  |
| -08-                    | 08         | 8                | 17.78±0.33 (.700±.013)  | 20.32 (.800)  |
| -09-                    | 09         | 9                | 20.32±0.33 (.800±.013)  | 22.86 (.900)  |
| -10-                    | 10         | 10               | 22.86±0.33 (.900±.013)  | 25.40 (1.000) |
| -11-                    | 11         | 11               | 25.40±0.33 (1.000±.013) | 27.94 (1.100) |
| -12-                    | 12         | 12               | 27.94±0.33 (1.100±.013) | 30.48 (1.200) |
| -13-                    | 13         | 13               | 30.48±0.33 (1.200±.013) | 33.02 (1.300) |
| -14-                    | 14         | 14               | 33.02±0.33 (1.300±.013) | 35.56 (1.400) |
| -15-                    | 15         | 15               | 35.56±0.33 (1.400±.013) | 38.10 (1.500) |
| -16-                    | 16         | 16               | 38.10±0.33 (1.500±.013) | 40.64 (1.600) |
| -17-                    | 17         | 17               | 40.64±0.33 (1.600±.013) | 43.18 (1.700) |
| -18-                    | 18         | 18               | 43.18±0.33 (1.700±.013) | 45.72 (1.800) |
| ▼ -19- ▼                | ▼ 19       | 19               | 45.72±0.33 (1.800±.013) | 48.26 (1.900) |
| 8996-20-100B            | 82-26-5820 | 20               | 48.26±0.33 (1.900±.013) | 50.80 (2.000) |

ENGINEERING NO.

8996-XX-XXXX  
A B C D

A : CABLE 2.54mm. (.100") CENTERS 26AWG STRANDED TOPCOATED  
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:SVIRAT JAPOL 2007/12/04 | QUALITY SYMBOLS<br><br>▽ =<br><br>⌂ = | 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>2006/07/18                                                                                                            | TITLE<br>FCB ROUND CONDUCTOR<br>2.54MM(.100)CENTER PVC.<br>26AWG STRANDED TOPCOATED<br><br>MOLEX INCORPORATED |                                                                                                              |  |
|                                                                                                                                      |                                       | 4 PLACES                              | ± --- | ± ---                    | CHECKED BY<br>PMEECHAI                                     | DATE<br>2006/07/18                                                                                                            |                                                                                                               |                                                                                                              |  |
|                                                                                                                                      |                                       | 3 PLACES                              | ± --- | ± ---                    | APPROVED BY<br>SVIRAT JAPOL                                | DATE<br>2006/07/18                                                                                                            |                                                                                                               |                                                                                                              |  |
|                                                                                                                                      |                                       | 2 PLACES                              | ± --- | ± ---                    | MATERIAL NO.<br>SEE CHART                                  |                                                                                                                               | DOCUMENT NO.<br>SD-8996-001                                                                                   | SHEET NO.<br>3 OF 3                                                                                          |  |
|                                                                                                                                      |                                       | 1 PLACE                               | ± --- | ± ---                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                                                                                                               |                                                                                                               |                                                                                                              |  |
|                                                                                                                                      |                                       | ANGULAR ± ---°                        |       |                          |                                                            |                                                                                                                               |                                                                                                               |                                                                                                              |  |
|                                                                                                                                      |                                       |                                       |       |                          |                                                            |                                                                                                                               |                                                                                                               |                                                                                                              |  |
|                                                                                                                                      |                                       |                                       |       | SIZE<br>A 4              |                                                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                               |                                                                                                              |  |

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