

This document was generated on 03/26/2010

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

**Part Number:** [0082266826](#)  
**Status:** **Active**  
**Description:** 1.27mm (.050") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34) Stranded Tinned, 26 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 [8863](#)  
 Crimp Quality Equipment Yes  
 Geographic Area Asia  
 Product Name Ribbon

**Physical**

Cable Length 30.48m (100.0' )  
 Circuits (Loaded) 26  
 Insulation PVC  
 Packaging Type Reel  
 Pitch - Term. Interface (in) 0.050 In  
 Pitch - Term. Interface (mm) 1.27 mm  
 Temperature Range - Operating -20°C to +105°C  
 Wire Size AWG 26  
 Wire/Cable Type (7x34) Stranded, Tinned

**Electrical**

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

**Solder Process Data**

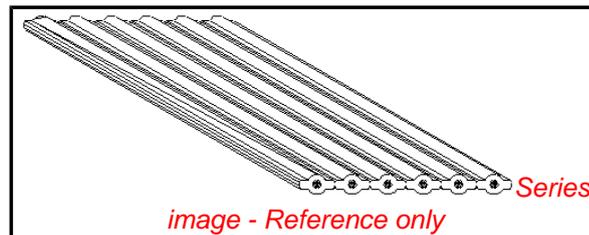
Max. Cycles at Max. Process Temperature 0

**Material Info**

Old Part Number 8863-26-100B

**Reference - Drawing Numbers**

Sales Drawing SD-8863-001



**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**

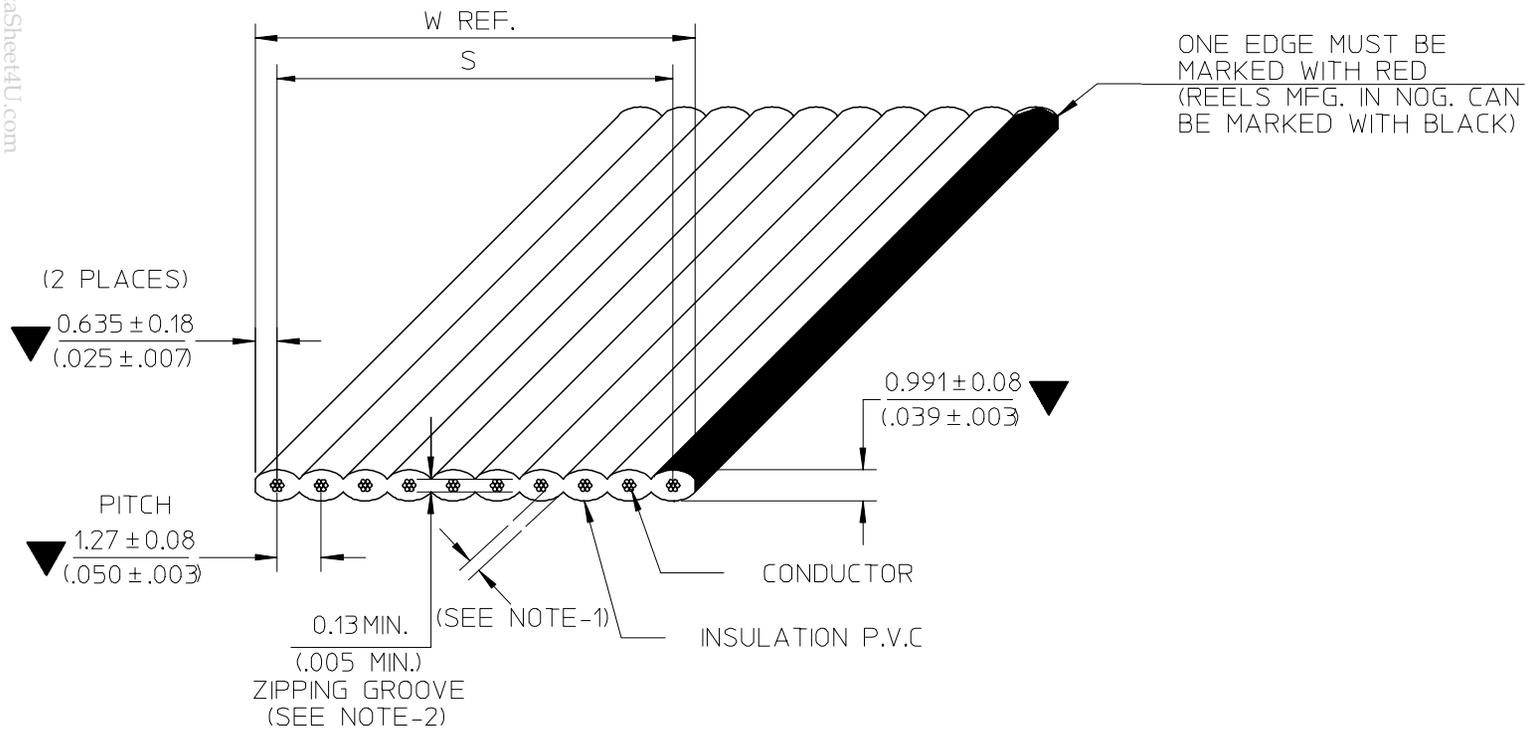
[8863Series](#)

**Use With**

[70121](#) MX-50™ Slimline Ribbon Cable.  
[90584](#) Picoflex® PF-50 IDT Receptacle

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- 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

SEE CHANGE DETAIL EC NO: THL2008-0015 DRWN: CPANSAKHOM 2007/11/28 CHKD: DNARINTARA 2007/11/29 APPR: SVIRATJAPOL 2007/12/04	DESCRIPTION B	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▼=3 □=0		mm	INCH	MM/IN		NTS	INCH		
		4 PLACES	± ---	± ---	DRAWN BY		DATE	TITLE			
		3 PLACES	± ---	± ---	CPANSAKHOM		2006/07/18	FCB ROUND CONDUCTOR			
		2 PLACES	± ---	± ---	CHECKED BY		DATE	1.27MM(.050)CENTER PVC.			
1 PLACE	± ---	± ---	PMEECHAI		2006/07/18	26AWG STRANDED TINNED					
ANGULAR ± ---°			APPROVED BY		DATE	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SVIRATJAPOL		2006/07/18	SEE CHART		SD-8863-001		1 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

E-07-0748	B <sub>1</sub> : ADD NON-OPERATING TEMP.	07/11/23
N/A	NEW RELEASE	06/07/18
EC NO.	DETAIL	DATE



W

D

C

B

A

ENGINEERING NO.

8863-XX-XXXX

A B C D

A : CABLE 1.27mm. (.050") CENTERS 26AWG STRANDED TINNED
B : CONDUCTOR SIZE ( AVAILABILITY 3 THROUGH 50 )
C : CABLE LENGTH 100FT. (30.48M)
D : A = INCHES
B = FEET

DIMENSIONS MM. (INCHES)

SHIPPED ON 100FT. REELS

Table with columns: ENG. NO., NO.OF COND., DIMENSION S, DIM. W (REF), ENGINEERING NO., ORDER NO. Rows 1-50.



FCB ROUND CONDUCTOR 1.27MM(.050)CENTER PVC. 26AWG STRANDED TINNED

MOLEX INCORPORATED

SD-8863-001 3 OF 3

DRAWN BY CPANSAKHOM DATE 2006/07/18
CHECKED BY P MEECHAI DATE 2006/07/18
APPROVED BY SVIRATJAPOL DATE 2006/07/18
MATERIAL NO. SEE CHART
SIZE A 4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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

QUALITY SYMBOLS
=
=

DESCRIPTION
70121/1002 T01TJAPOL
62111/1002 VARA
82111/1002 MOHAKSAPAKJ:NRW
5100-8002 THE :ON CE

Table with columns: REV, DESCRIPTION, REV. Rows 1-6.