

This document was generated on 03/26/2010

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Part Number: [0082266831](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34) Stranded Tinned, 31 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) 31
 Circuits (maximum) 31
 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

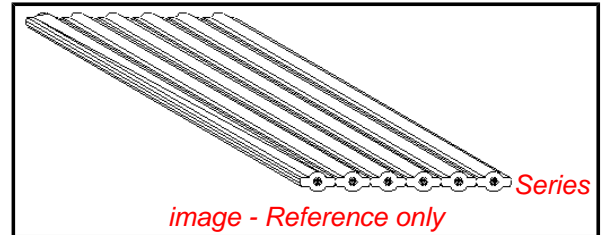
Current - Maximum per Contact N/A
 Voltage - Maximum 300V

Material Info

Old Part Number 8863-31-100B

Reference - Drawing Numbers

Sales Drawing SD-8863-001



EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email 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](#)

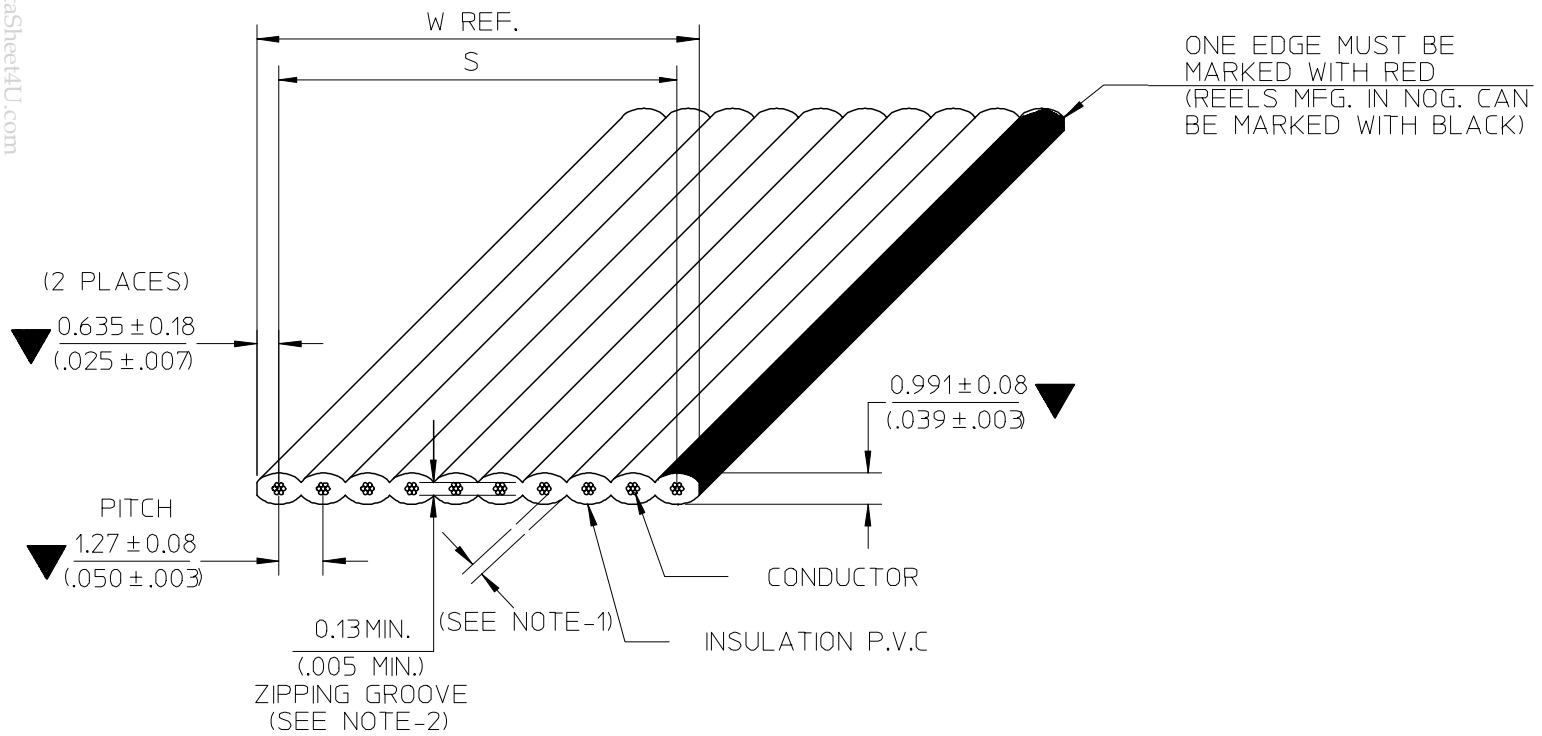
Use With

[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	
		$\nabla = 3$ $\nabla = 0$	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 ± ---°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	MOLEX INCORPORATED		
					SVIRATJAPOL	2006/07/18	DOCUMENT NO.	SHEET NO.	
					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 ₁ : 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 PREECHAI 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
REV

Table with columns: REV, DESCRIPTION. Rows 1-50.