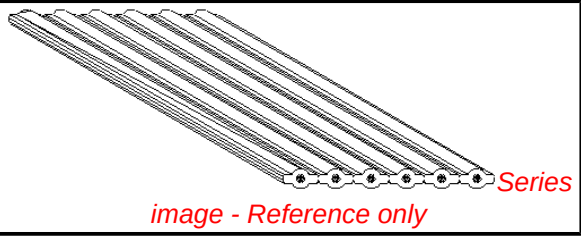


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0082266806
Status: Active
Description: 1.27mm (.050") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34) Stranded Tinned, 6 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)	6
Circuits (maximum)	6
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	8863-06-100B
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Reference - Drawing Numbers

Sales Drawing	SD-8863-001
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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.

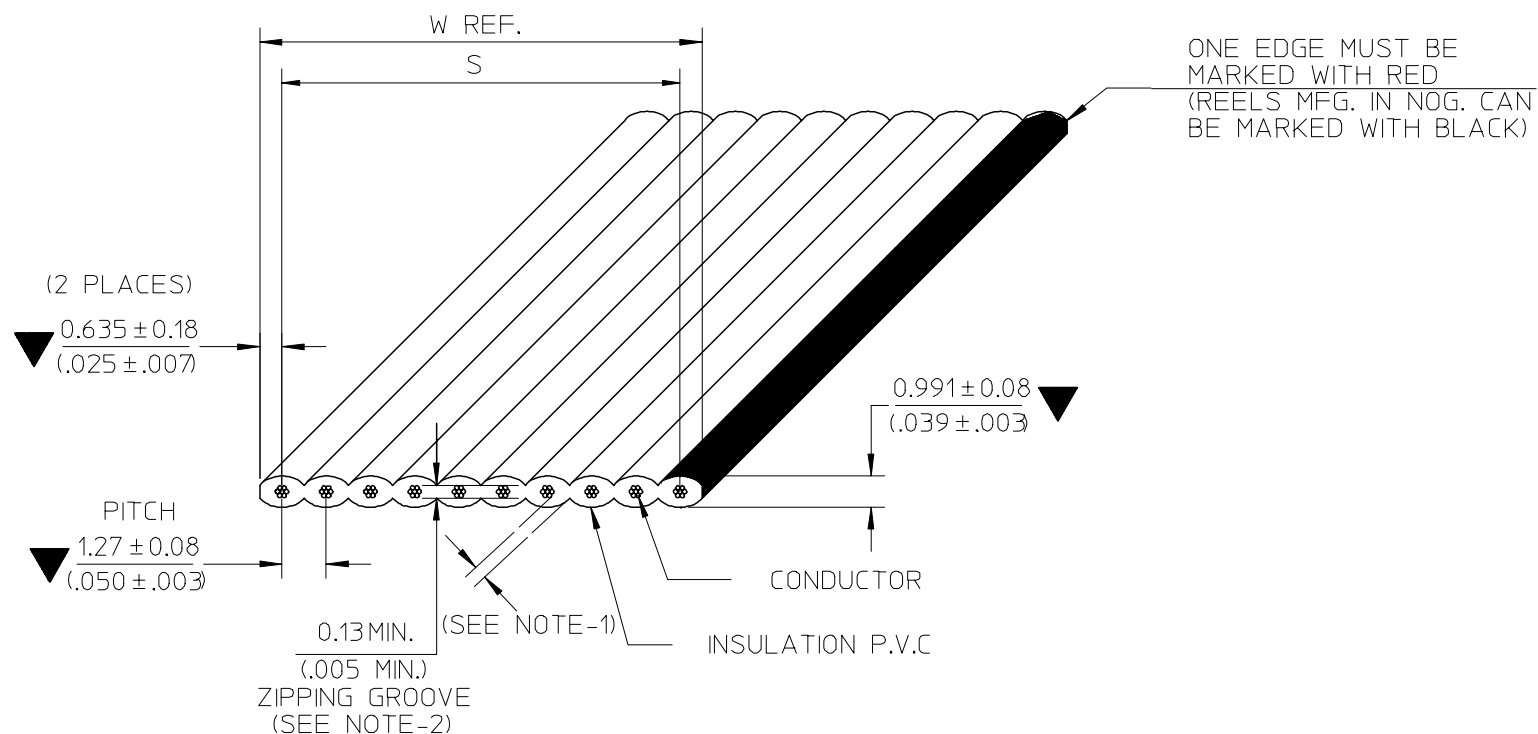
Search Parts in this Series

8863Series

Use With

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

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



- 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 ₁ : ADD NON-OPERATING TEMP.	07/11/23
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	DESCRIPTION	QUALITY SYMBOLS ▽=3 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/18	TITLE FCB ROUND CONDUCTOR 1.27MM(.050)CENTER PVC. 26AWG STRANDED TINNED				
			4 PLACES	± ---	± ---	CHECKED BY PMEECHAI	DATE 2006/07/18					
			3 PLACES	± ---	± ---	APPROVED BY SVIRATJAPOL	DATE 2006/07/18	MOLEX MOLEX INCORPORATED				
			2 PLACES	± ---	± ---	MATERIAL NO.					DOCUMENT NO.	SHEET NO.
			1 PLACE	± ---	± ---	SEE CHART		SD-8863-001			1 OF 3	
			ANGULAR ± ---°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING _____ 1.27 (.050") $\varnothing$ TO $\varnothing$
WIRE GAUGE _____ 26 AWG(7/34) STRANDED TINNED
INSULATION _____ P.V.C GRAY (LEAD FREE)

AGENCY

U.L. STYLE NO. _____ 2651
TEMPERATURE RATING _____ -20°C TO 105°C
VOLTAGE RATING _____ 300V.MAX.
FLAMMABILITY RATING _____ VW-1

ELECTRICAL

CONDUCTOR RESISTANCE (D.C.) _____ 43 m OHMS/FT. MAX.
CHARACTERISTIC IMPEDANCE _____ 115 OHMS NOM. (GS)
93 OHMS NOM. (GSG)
CAPACITANCE _____ 8.9 pF/FT. NOM. (GS)
18.0 pF/FT. NOM. (GSG)
PROPAGATION DELAY _____ 1.4 ns/FT. NOM.
INSULATION RESISTANCE _____ 10M OHMS (10FT. SAMPLE)
DIELECTRIC WITHSTAND VOLTAGE _____ 2000 VRMS/MINUTE

GENERAL

$\triangle$ NON-OPERATING TEMPERATURE _____ -20°C TO 105°C
FAULTS AND/OR SPLICES _____ 1/REEL MAX. 100 $^{+3}_{-0}$ FT. (30.48 $^{+0.914}_{-0}$ M.)/REEL
20FT. (6.096M.) MIN. LENGTH

D

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

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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

SEE CHANGE DETAIL: EC NO: THL 2008-0015 DRWN: CPANSAKHOM 2007/11/28 CHKD: UNARINTARA 2007/11/29 APPR: SVIRAT JAPOL 2007/12/04	DESCRIPTION	▽ = ◻ =	QUALITY SYMBOLS			GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		
				mm	INCH	DRAWN BY		DATE		TITLE	
			4 PLACES	± ---	± ---	CPANSAKHOM		2006/07/18			
			3 PLACES	± ---	± ---	CHECKED BY		DATE		DATE	
			2 PLACES	± ---	± ---	PMEECHAI		2006/07/18			
			1 PLACE	± ---	± ---	APPROVED BY		DATE		DATE	
			ANGULAR ± ---°			SVIRAT JAPOL		2006/07/18			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.			DO		
						SEE CHART					
						SIZE A4			THIS DRAWING CONTAINS INCORPORATED AND SH		

SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE FCB ROUND CONDUCTOR 1.27MM(.050)CENTER PVC. 26AWG STRANDED TINNED		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-8863-001		SHEET NO. 3 OF 3
NO INFORMATION THAT IS PROPRIETARY TO MOLEX COULD NOT BE USED WITHOUT WRITTEN PERMISSION		