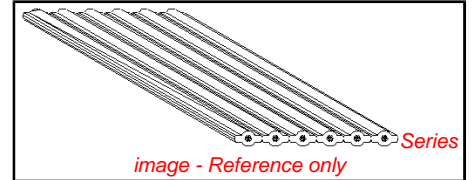


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0082266812](#)  
**Status:** **Active**  
**Description:** 1.27mm (.050") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34) Stranded Tinned, 12 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) 12  
 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 8863-12-100B

**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.

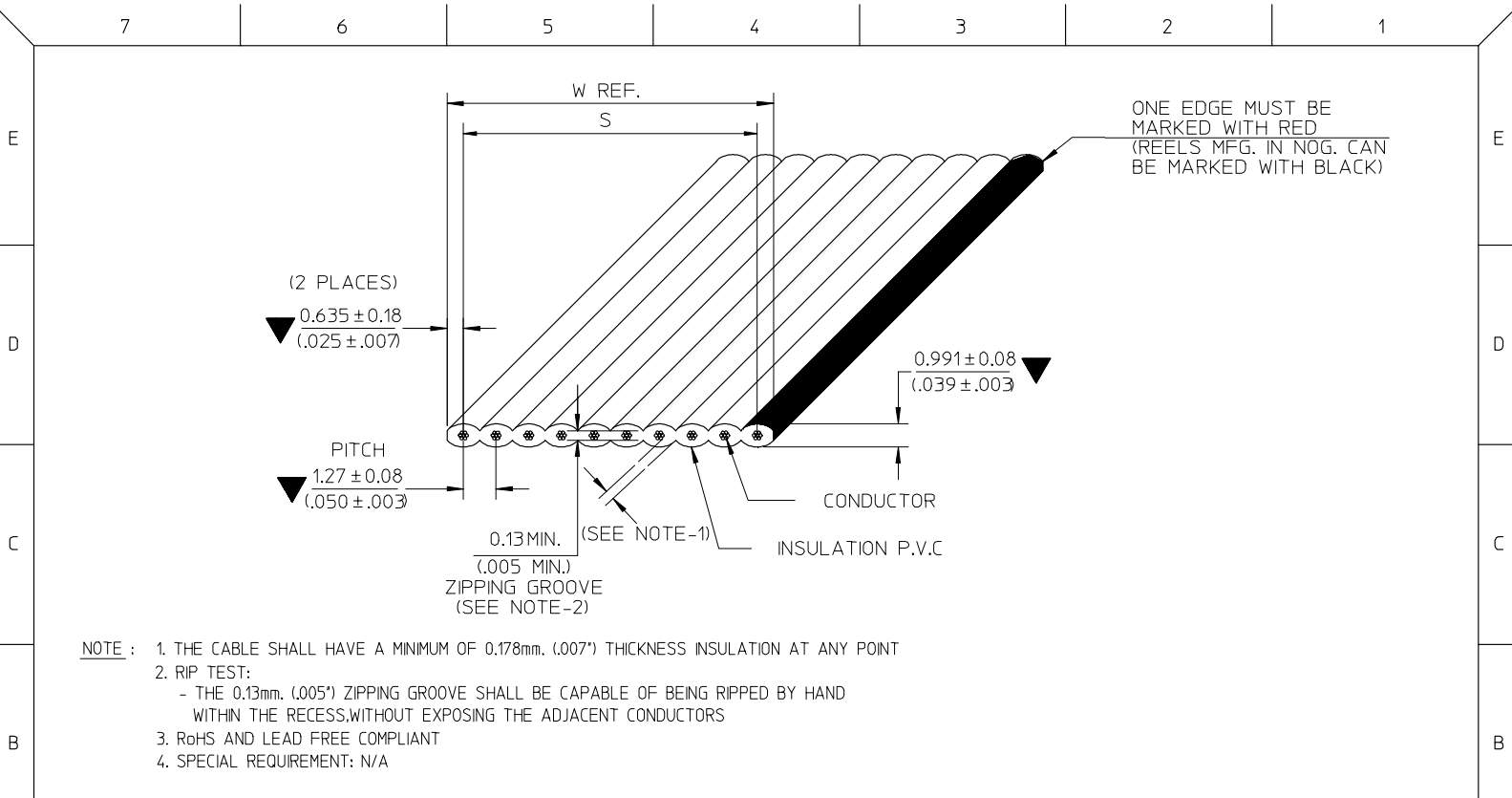
**Search Parts in this Series**

8863Series

**Use With**

70121 MX-50™ Slimline Ribbon Cable.  
 90584 Picoflex® PF-50 IDT Receptacle

**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 <sub>1</sub> : ADD NON-OPERATING TEMP.	07/11/23
A	N/A	NEW RELEASE	06/07/18
REV. HISTORY	EC NO.	DETAIL	DATE
ib_frame_A4_P_ME_T Rev. E 2006/04/15			

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



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

ENG. NO.	NO. OF COND.	DIMENSION S	DIM. W (REF)	ENGINEERING NO.	ORDER NO.
8863-3	3	2.54±0.18 (1.00±.007)	3.81 (1.50)	8863-03-100B	82-26-6803
8863-4	4	3.81±0.18 (1.50±.007)	5.08 (2.00)	-04-	04
8863-5	5	5.08±0.18 (2.00±.007)	6.35 (2.50)	-05-	05
8863-6	6	6.35±0.18 (2.50±.007)	7.62 (3.00)	-06-	06
8863-7	7	7.62±0.18 (3.00±.007)	8.89 (3.50)	-07-	07
8863-8	8	8.89±0.18 (3.50±.007)	10.16 (4.00)	-08-	08
8863-9	9	10.16±0.18 (4.00±.007)	11.43 (4.50)	-09-	09
8863-10	10	11.43±0.18 (4.50±.007)	12.70 (5.00)	-10-	10
8863-11	11	12.70±0.18 (5.00±.007)	13.97 (5.50)	-11-	11
8863-12	12	13.97±0.18 (5.50±.007)	15.24 (6.00)	-12-	12
8863-13	13	15.24±0.18 (6.00±.007)	16.51 (6.50)	-13-	13
8863-14	14	16.51±0.18 (6.50±.007)	17.78 (7.00)	-14-	14
8863-15	15	17.78±0.18 (7.00±.007)	19.05 (7.50)	-15-	15
8863-16	16	19.05±0.23 (7.50±.009)	20.32 (8.00)	-16-	16
8863-17	17	20.32±0.23 (8.00±.009)	21.59 (8.50)	-17-	17
8863-18	18	21.59±0.23 (8.50±.009)	22.86 (9.00)	-18-	18
8863-19	19	22.86±0.23 (9.00±.009)	24.13 (9.50)	-19-	19
8863-20	20	24.13±0.23 (9.50±.009)	25.40 (10.00)	-20-	20
8863-21	21	25.40±0.23 (10.00±.009)	26.67 (10.50)	-21-	21
8863-22	22	26.67±0.23 (10.50±.009)	27.94 (11.00)	-22-	22
8863-23	23	27.94±0.23 (11.00±.009)	29.21 (11.50)	-23-	23
8863-24	24	29.21±0.23 (11.50±.009)	30.48 (12.00)	-24-	24
8863-25	25	30.48±0.23 (12.00±.009)	31.75 (12.50)	-25-	25
8863-26	26	31.75±0.23 (12.50±.009)	33.02 (13.00)	-26-	26
8863-27	27	33.02±0.23 (13.00±.009)	34.29 (13.50)	-27-	27
8863-28	28	34.29±0.23 (13.50±.009)	35.56 (14.00)	-28-	28
8863-29	29	35.56±0.23 (14.00±.009)	36.83 (14.50)	-29-	29
8863-30	30	36.83±0.23 (14.50±.009)	38.10 (15.00)	-30-	30
8863-31	31	38.10±0.23 (15.00±.009)	39.37 (15.50)	-31-	31
8863-32	32	39.37±0.23 (15.50±.009)	40.64 (16.00)	-32-	32
8863-33	33	40.64±0.23 (16.00±.009)	41.91 (16.50)	-33-	33
8863-34	34	41.91±0.23 (16.50±.009)	43.18 (17.00)	-34-	34
8863-35	35	43.18±0.23 (17.00±.009)	44.45 (17.50)	-35-	35
8863-36	36	44.45±0.23 (17.50±.009)	45.72 (18.00)	-36-	36
8863-37	37	45.72±0.28 (18.00±.011)	46.99 (18.50)	-37-	37
8863-38	38	46.99±0.28 (18.50±.011)	48.26 (19.00)	-38-	38
8863-39	39	48.26±0.28 (19.00±.011)	49.53 (19.50)	-39-	39
8863-40	40	49.53±0.28 (19.50±.011)	50.80 (20.00)	-40-	40
8863-41	41	50.80±0.28 (20.00±.011)	52.07 (20.50)	-41-	41
8863-42	42	52.07±0.28 (20.50±.011)	53.34 (21.00)	-42-	42
8863-43	43	53.34±0.28 (21.00±.011)	54.61 (21.50)	-43-	43
8863-44	44	54.61±0.28 (21.50±.011)	55.88 (22.00)	-44-	44
8863-45	45	55.88±0.28 (22.00±.011)	57.15 (22.50)	-45-	45
8863-46	46	57.15±0.28 (22.50±.011)	58.42 (23.00)	-46-	46
8863-47	47	58.42±0.28 (23.00±.011)	59.69 (23.50)	-47-	47
8863-48	48	59.69±0.28 (23.50±.011)	60.96 (24.00)	-48-	48
8863-49	49	60.96±0.28 (24.00±.011)	62.23 (24.50)	-49-	49
8863-50	50	62.23±0.28 (24.50±.011)	63.50 (25.00)	8863-50-100B	82-26-6850

QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><th>MM</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>±.000</td></tr> <tr><td>3 PLACES</td><td>±.000</td></tr> <tr><td>2 PLACES</td><td>±.000</td></tr> <tr><td>1 PLACE</td><td>±.000</td></tr> </table>	MM	INCH	4 PLACES	±.000	3 PLACES	±.000	2 PLACES	±.000	1 PLACE	±.000	DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
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SEE CHANGE DETAIL. REV 01/01/2002 02/11/2002 06/11/2002 DRW:CPANSAKHOM CHK:KORINWANTARA APP:SVIRAT JAPOL	MATERIAL NO. SEE CHART	SHEET NO. 3 OF 3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												