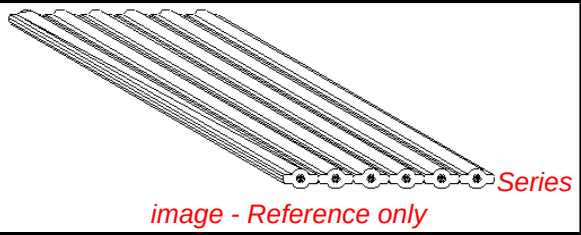


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0082285708](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded Tinned, 8 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	6800
Crimp Quality Equipment	Yes
Geographic Area	Asia
Product Name	Ribbon

Physical

Cable Length	30.48m (100.0')
Circuits (Loaded)	8
Circuits (maximum)	8
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	28
Wire/Cable Type	(7x36) Stranded, Tinned

Electrical

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

Material Info

Old Part Number	6800-08-100B
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Reference - Drawing Numbers

Sales Drawing	SD-6800-001
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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
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

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

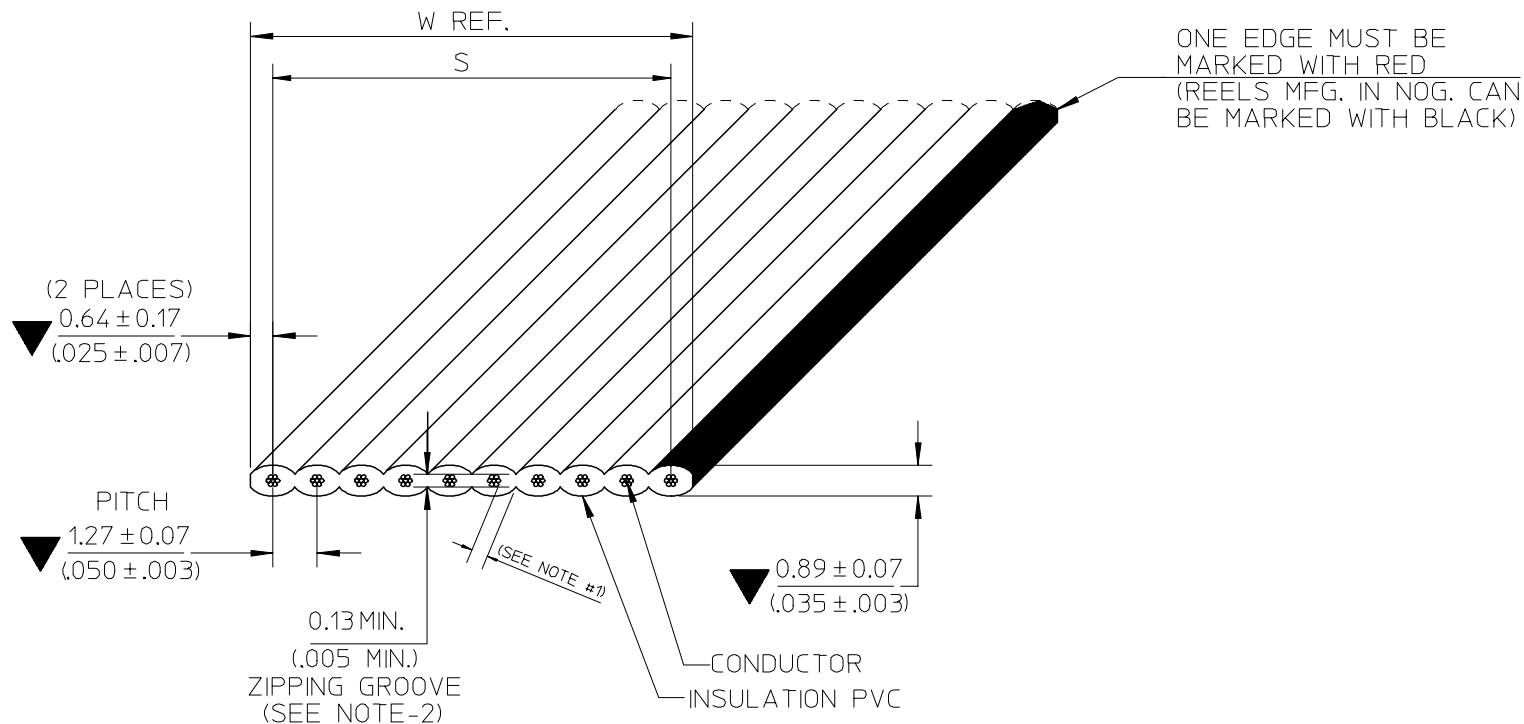
Search Parts in this Series

[6800Series](#)

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	06/07/12
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

QUALITY SYMBOLS	DESCRIPTION
▼=3	
▽=0	

GENERAL TOLERANCES
 (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---

ANGULAR ± ---°

DRAFT WHERE APPLICABLE
 MUST REMAIN
 WITHIN DIMENSIONS

DIMENSION STYLE
 MM/IN

DRAWN BY	DATE
CPANSAKHOM	2006/07/12
CHECKED BY	DATE
PMEECHAI	2006/07/12
APPROVED BY	DATE
SVIRATJAPOL	2006/07/12

MATERIAL NO.

SEE CHART

SIZE
 A 4

SCALE
 NTS

DESIGN UNITS
 INCH

THIRD ANGLE
 PROJECTION

FCB ROUND CONDUCTOR
 1.27MM(.050)CENTERS PVC.
 28AWG STR TINNED



MOLEX INCORPORATED

DOCUMENT NO.

SD-6800-001

SHEET NO.

1 OF 3

D

1.

B

A

tb_frame_A4_P_ME_T
Rev. E 2006/04/15

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ENGINEERING NO.		6800-XX-XXXX		A B C D		A : CABLE 1/27mm. (.050") CENTERS 28AWG STRANDED TINNED B : CONDUCTOR SIZE (AVAILABLETY 3 THROUGH 50) C : CABLE LENGTH 100FT. (30.48M) D : A = INCHES B = FEET					
DIMENSIONS INCHES (MM)		NO. OF COND.		ENG. NO.		SHIPPED ON 100FT. REELS					
D M. W (REF)		S		D M. W (REF)		ORDER NO.					
6800-3		3		2.5/4±0.18 (100±.007)		3.8/1.150		6800-03-1008		82-28-5703	
6800-4		4		3.8/1±0.18 (150±.007)		5.08/1.200		6800-04-1008		82-28-5704	
6800-5		5		5.08±0.18 (200±.007)		6.35/1.250		6800-05-1008		82-28-5705	
6800-6		6		6.35±0.18 (250±.007)		7.62/1.300		6800-06-1008		82-28-5706	
6800-7		7		7.62±0.18 (300±.007)		8.89/1.350		6800-07-1008		82-28-5707	
6800-8		8		8.89±0.18 (350±.007)		10.16/1.400		6800-08-1008		82-28-5708	
6800-9		9		10.16±0.18 (400±.007)		11.43/1.450		6800-09-1008		82-28-5709	
6800-10		10		11.43±0.18 (450±.007)		12.70/1.500		6800-10-1008		82-28-5710	
6800-11		11		12.70±0.18 (500±.007)		13.97/1.550		6800-11-1008		82-28-5711	
6800-12		12		13.97±0.18 (550±.007)		15.24/1.600		6800-12-1008		82-28-5712	
6800-13		13		15.24±0.18 (600±.007)		16.51/1.650		6800-13-1008		82-28-5713	
6800-14		14		16.51±0.18 (650±.007)		17.78/1.700		6800-14-1008		82-28-5714	
6800-15		15		17.78±0.18 (700±.007)		19.05/1.750		6800-15-1008		82-28-5715	
6800-16		16		19.05±0.23 (750±.009)		20.32/1.800		6800-16-1008		82-28-5716	
6800-17		17		20.32±0.23 (800±.009)		21.59/1.850		6800-17-1008		82-28-5717	
6800-18		18		21.59±0.23 (850±.009)		22.86/1.900		6800-18-1008		82-28-5718	
6800-19		19		22.86±0.23 (900±.009)		24.13/1.950		6800-19-1008		82-28-5719	
6800-20		20		24.13±0.23 (950±.009)		25.40/1.000		6800-20-1008		82-28-5720	
6800-21		21		25.40±0.23 (1000±.009)		26.67/1.050		6800-21-1008		82-28-5721	
6800-22		22		26.67±0.23 (1050±.009)		27.94/1.100		6800-22-1008		82-28-5722	
6800-23		23		27.94±0.23 (1100±.009)		29.21/1.150		6800-23-1008		82-28-5723	
6800-24		24		29.21±0.23 (1150±.009)		30.48/1.200		6800-24-1008		82-28-5724	
6800-25		25		30.48±0.23 (1200±.009)		31.75/1.250		6800-25-1008		82-28-5725	
6800-26		26		31.75±0.23 (1250±.009)		33.02/1.300		6800-26-1008		82-28-5726	
6800-27		27		33.02±0.23 (1300±.009)		34.29/1.350		6800-27-1008		82-28-5727	
6800-28		28		34.29±0.23 (1350±.009)		35.56/1.400		6800-28-1008		82-28-5728	
6800-29		29		35.56±0.23 (1400±.009)		36.83/1.450		6800-29-1008		82-28-5729	
6800-30		30		36.83±0.23 (1450±.009)		38.10/1.500		6800-30-1008		82-28-5730	
6800-31		31		38.10±0.23 (1500±.009)		39.37/1.550		6800-31-1008		82-28-5731	
6800-32		32		39.37±0.23 (1550±.009)		40.64/1.600		6800-32-1008		82-28-5732	
6800-33		33		40.64±0.23 (1600±.009)		41.91/1.650		6800-33-1008		82-28-5733	
6800-34		34		41.91±0.23 (1650±.009)		43.18/1.700		6800-34-1008		82-28-5734	
6800-35		35		43.18±0.23 (1700±.009)		44.45/1.750		6800-35-1008		82-28-5735	
6800-36		36		44.45±0.23 (1750±.009)		45.72/1.800		6800-36-1008		82-28-5736	
6800-37		37		45.72±0.28 (1800±.011)		46.99/1.850		6800-37-1008		82-28-5737	
6800-38		38		46.99±0.28 (1850±.011)		48.26/1.900		6800-38-1008		82-28-5738	
6800-39		39		48.26±0.28 (1900±.011)		49.53/1.950		6800-39-1008		82-28-5739	
6800-40		40		49.53±0.28 (1950±.011)		50.80/2.000		6800-40-1008		82-28-5740	
6800-41		41		50.80±0.28 (2000±.011)		52.07/2.050		6800-41-1008		82-28-5741	
6800-42		42		52.07±0.28 (2050±.011)		53.34/2.100		6800-42-1008		82-28-5742	
6800-43		43		53.34±0.28 (2100±.011)		54.61/2.150		6800-43-1008		82-28-5743	
6800-44		44		54.61±0.28 (2150±.011)		55.88/2.200		6800-44-1008		82-28-5744	
6800-45		45		55.88±0.28 (2200±.011)		57.15/2.250		6800-45-1008		82-28-5745	
6800-46		46		57.15±0.28 (2250±.011)		58.42/2.300		6800-46-1008		82-28-5746	
6800-47		47		58.42±0.28 (2300±.011)		59.69/2.350		6800-47-1008		82-28-5747	
6800-48		48		59.69±0.28 (2350±.011)		60.96/2.400		6800-48-1008		82-28-5748	
6800-49		49		60.96±0.28 (2400±.011)		62.23/2.450		6800-49-1008		82-28-5749	
6800-50		50		62.23±0.28 (2450±.011)		63.50/2.500		6800-50-1008		82-28-5750	

THIRD ANGLE PROJECTION		SCALE NTS		DESIGN UNITS INCH		DIMENSION STYLE MM/IN		GENERAL TOLERANCES (UNLESS SPECIFIED)		QUALITY SYMBOLS		SEE CHANGE DETAIL.	
TITLE		DRAWN BY		DATE		CHECKED BY		DATE		APPROVED BY		DATE	
FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED		CPANSAKHOM		2006/07/12		PMEETCHAI		2006/07/12		SVIRAT JAPOL		2006/07/12	
MOLEX INCORPORATED		MATERIAL NO.		SEE CHART		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±---°		DRAWN:CPANSAKHOM		2006/07/12	
DOCUMENT NO.		SHEET NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV		DESCRIPTION		APPR:SVIRAT JAPOL		2007/12/12	
SD-6800-001		3 OF 3											

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