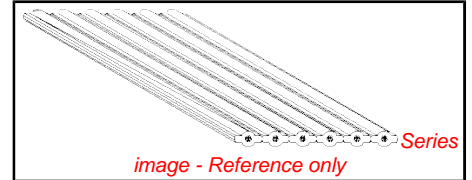


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0082285739](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded Tinned, 39 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) 39
 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 6800-39-100B

Reference - Drawing Numbers

Sales Drawing SD-6800-001

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
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

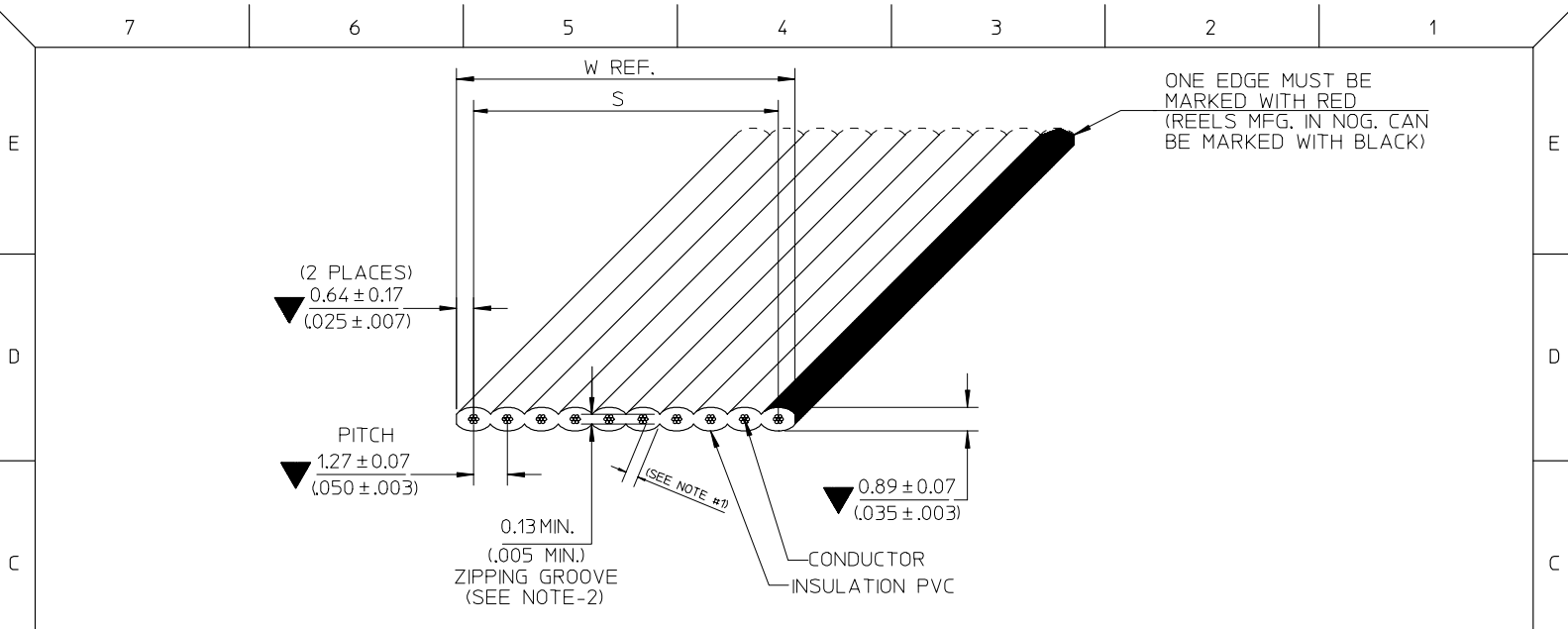
Search Parts in this Series

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, : 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 CHYKONNARINTARA 2007/11/29 APPR: SVIRAT JAPOL 2007/12/04 B	DESCRIPTION REV	QUALITY SYMBOLS ▼=3 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/12	TITLE FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED		
			4 PLACES ±---	±---	CHECKED BY PMEECHAI	DATE 2006/07/12	MATERIAL NO. MOLIX INCORPORATED		
			3 PLACES ±---	±---	APPROVED BY SVIRAT JAPOL	DATE 2006/07/12	DOCUMENT NO. SD-6800-001	SHEET NO. 1 OF 3	
		2 PLACES ±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A4 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE ±---	±---						
		ANGULAR ±---	°						

ENGINEERING NO.
 6800-XX-XXXX
 A B C D
 A : CABLE 1.27mm. (.050") CENTERS 28AWG 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.	DIMENSIONS INCHES (MM)	DM. W (REF)	ENGINEERING NO.	ORDER NO.	SHIPPED ON 100FT. REELS
6800-3	3	2.52±0.18 (1.00±.007)	3.81(1.50)	6800-03-1008	82-28-5703	
6800-4	4	3.81±0.18 (1.50±.007)	5.08(2.00)	6800-04-1008	82-28-5704	
6800-5	5	5.08±0.18 (2.00±.007)	6.35(1.250)	6800-05-1008	82-28-5705	
6800-6	6	6.35±0.18 (2.50±.007)	7.62(1.300)	6800-06-1008	82-28-5706	
6800-7	7	7.62±0.18 (3.00±.007)	8.89(1.350)	6800-07-1008	82-28-5707	
6800-8	8	8.89±0.18 (3.50±.007)	10.16(1.400)	6800-08-1008	82-28-5708	
6800-9	9	10.16±0.18 (4.00±.007)	11.43(1.450)	6800-09-1008	82-28-5709	
6800-10	10	11.43±0.18 (4.50±.007)	12.70(1.500)	6800-10-1008	82-28-5710	
6800-11	11	12.70±0.18 (5.00±.007)	13.97(1.550)	6800-11-1008	82-28-5711	
6800-12	12	13.97±0.18 (5.50±.007)	15.24(1.600)	6800-12-1008	82-28-5712	
6800-13	13	15.24±0.18 (6.00±.007)	16.51(1.650)	6800-13-1008	82-28-5713	
6800-14	14	16.51±0.18 (6.50±.007)	17.78(1.700)	6800-14-1008	82-28-5714	
6800-15	15	17.78±0.18 (7.00±.007)	19.05(1.750)	6800-15-1008	82-28-5715	
6800-16	16	19.05±0.23 (7.50±.009)	20.32(1.800)	6800-16-1008	82-28-5716	
6800-17	17	20.32±0.23 (8.00±.009)	21.59(1.850)	6800-17-1008	82-28-5717	
6800-18	18	21.59±0.23 (8.50±.009)	22.86(1.900)	6800-18-1008	82-28-5718	
6800-19	19	22.86±0.23 (9.00±.009)	24.13(1.950)	6800-19-1008	82-28-5719	
6800-20	20	24.13±0.23 (9.50±.009)	25.40(1.000)	6800-20-1008	82-28-5720	
6800-21	21	25.40±0.23 (1.000±.009)	26.67(1.050)	6800-21-1008	82-28-5721	
6800-22	22	26.67±0.23 (1.050±.009)	27.94(1.100)	6800-22-1008	82-28-5722	
6800-23	23	27.94±0.23 (1.100±.009)	29.21(1.150)	6800-23-1008	82-28-5723	
6800-24	24	29.21±0.23 (1.150±.009)	30.48(1.200)	6800-24-1008	82-28-5724	
6800-25	25	30.48±0.23 (1.200±.009)	31.75(1.250)	6800-25-1008	82-28-5725	
6800-26	26	31.75±0.23 (1.250±.009)	33.02(1.300)	6800-26-1008	82-28-5726	
6800-27	27	33.02±0.23 (1.300±.009)	34.29(1.350)	6800-27-1008	82-28-5727	
6800-28	28	34.29±0.23 (1.350±.009)	35.56(1.400)	6800-28-1008	82-28-5728	
6800-29	29	35.56±0.23 (1.400±.009)	36.83(1.450)	6800-29-1008	82-28-5729	
6800-30	30	36.83±0.23 (1.450±.009)	38.10(1.500)	6800-30-1008	82-28-5730	
6800-31	31	38.10±0.23 (1.500±.009)	39.37(1.550)	6800-31-1008	82-28-5731	
6800-32	32	39.37±0.23 (1.550±.009)	40.64(1.600)	6800-32-1008	82-28-5732	
6800-33	33	40.64±0.23 (1.600±.009)	41.91(1.650)	6800-33-1008	82-28-5733	
6800-34	34	41.91±0.23 (1.650±.009)	43.18(1.700)	6800-34-1008	82-28-5734	
6800-35	35	43.18±0.23 (1.700±.009)	44.45(1.750)	6800-35-1008	82-28-5735	
6800-36	36	44.45±0.23 (1.750±.009)	45.72(1.800)	6800-36-1008	82-28-5736	
6800-37	37	45.72±0.28 (1.800±.011)	46.99(1.850)	6800-37-1008	82-28-5737	
6800-38	38	46.99±0.28 (1.850±.011)	48.26(1.900)	6800-38-1008	82-28-5738	
6800-39	39	48.26±0.28 (1.900±.011)	49.53(1.950)	6800-39-1008	82-28-5739	
6800-40	40	49.53±0.28 (1.950±.011)	50.80(2.000)	6800-40-1008	82-28-5740	
6800-41	41	50.80±0.28 (2.000±.011)	52.07(2.050)	6800-41-1008	82-28-5741	
6800-42	42	52.07±0.28 (2.050±.011)	53.34(2.100)	6800-42-1008	82-28-5742	
6800-43	43	53.34±0.28 (2.100±.011)	54.61(2.150)	6800-43-1008	82-28-5743	
6800-44	44	54.61±0.28 (2.150±.011)	55.88(2.200)	6800-44-1008	82-28-5744	
6800-45	45	55.88±0.28 (2.200±.011)	57.15(2.250)	6800-45-1008	82-28-5745	
6800-46	46	57.15±0.28 (2.250±.011)	58.42(2.300)	6800-46-1008	82-28-5746	
6800-47	47	58.42±0.28 (2.300±.011)	59.69(2.350)	6800-47-1008	82-28-5747	
6800-48	48	59.69±0.28 (2.350±.011)	60.96(2.400)	6800-48-1008	82-28-5748	
6800-49	49	60.96±0.28 (2.400±.011)	62.23(2.450)	6800-49-1008	82-28-5749	
6800-50	50	62.23±0.28 (2.450±.011)	63.50(2.500)	6800-50-1008	82-28-5750	

SEE CHANGE DETAIL. EC NO: THL2008-0015 DRWN: CPANSAKHOM 2007/11/28 CHK: DINNARINTARA 2007/11/29 APPR: SVIRAT JAPOL 2007/12/04	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN	NTS	INCH		
		4 PLACES	±---	±---	DRAWN BY	DATE	TITLE	
		3 PLACES	±---	±---	CPANSAKHOM	2006/07/12	FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED	
2 PLACES	±---	±---	CHECKED BY	DATE	MATERIAL NO.		SHEET NO.	
1 PLACE	±---	±---	PMEECHAI	2006/07/12	SVIRAT JAPOL 2006/07/12		3 OF 3	
ANGULAR ±---°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	DOCUMENT NO.		
				SEE CHART		MOTEX MOLEX INCORPORATED		
				SIZE A4		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		