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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

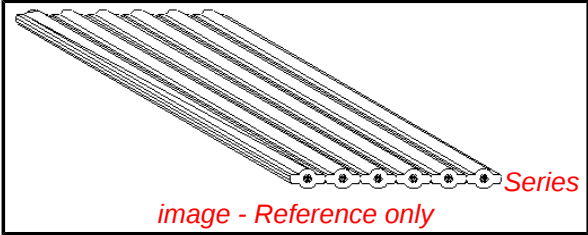
Current - Maximum per Contact N/A
Voltage - Maximum 300V

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



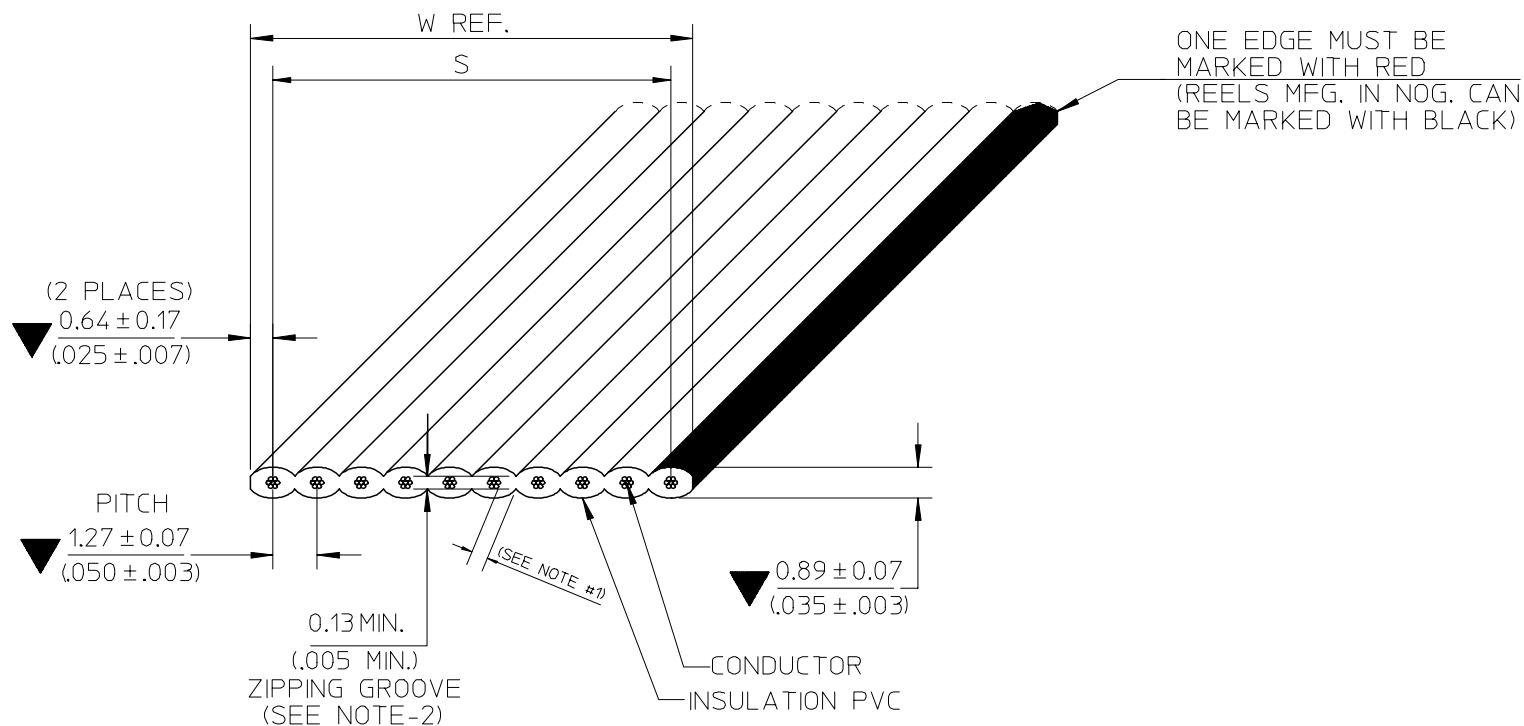
Need more information on product environmental compliance?

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



- 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
$\nabla=3$	
$\nabla=0$	

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	$\pm \text{---}$	$\pm \text{---}$
3 PLACES	$\pm \text{---}$	$\pm \text{---}$
2 PLACES	$\pm \text{---}$	$\pm \text{---}$
1 PLACE	$\pm \text{---}$	$\pm \text{---}$
ANGULAR $\pm \text{---}^\circ$		
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	
A4	

SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
TITLE		
FCB ROUND CONDUCTOR 1.27MM(.050)CENTERS PVC. 28AWG STR TINNED		
 MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-6800-001		1 OF 3
ALL INFORMATION THAT IS PROPRIETARY TO MOLEX		

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FAULTS AND/OR SPLICES _____ 1/REEL MAX. 100^{+3}_{-0} FT. ($30.48^{+0.914}_{-0}$ M.)/REEL
20 FT. (6.096 M.) MIN. LENGTH

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 ▽ = C =	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 PMEECHA I	DATE 2006/07/12					
			3 PLACES	± ---	± ---	APPROVED BY SVIRATJAPOL	DATE 2006/07/12					
			2 PLACES	± ---	± ---	MATERIAL NO.			DOCUMENT NO.		SHEET NO.	
			1 PLACE	± ---	± ---	SEE CHART			SD-6800-001		2 OF 3	
			ANGULAR ± ---°									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												

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 (1.00±.007)		3.8/1.150		6800-03-1008		82-28-5703	
6800-4		4		3.8/1±0.18 (1.50±.007)		5.08/1.200		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	

THIRD ANGLE PROJECTION		SCALE NTS		DESIGN UNITS INCH		DIMENSION STYLE MM/IN		GENERAL TOLERANCES (UNLESS SPECIFIED)		QUALITY SYMBOLS		SEE CHANGE DETAIL.	
TITLE		DRAWN BY CPANSAKHOM		DATE 2006/07/12		CHECKED BY PMEECHA		DATE 2006/07/12		APPROVED BY SVIRAT JAPOL		DATE 2006/07/12	
MOLEX INCORPORATED		MATERIAL NO.		SEE CHART		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		4 PLACES ± ---		3 PLACES ± ---		2 PLACES ± ---	
SD-6800-001		DOCUMENT NO.		SHEET NO. 3 OF 3		ANGULAR ± ---°		1 PLACE ± ---		DRAWN:CPANSAKHOM		DATE:2006/07/12	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SIZE A4		APPR:SVIRAT JAPOL		CHKD:DNARINTARA		EC NO:2008-0015		REV		DESCRIPTION	

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