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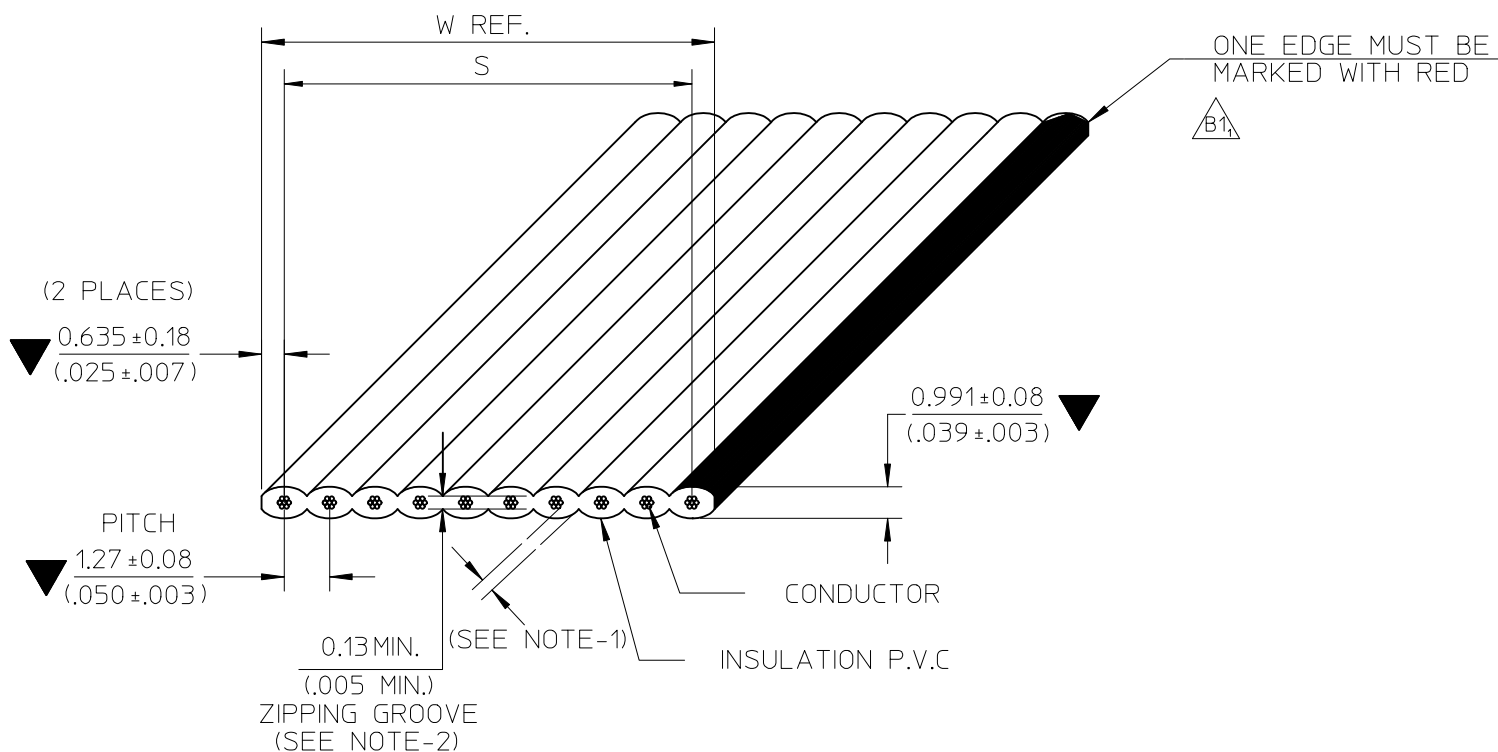
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- NOTE :**
1. THE CABLE SHALL HAVE A MINIMUM OF 0.178mm. (.007") THICKNESS INSULATION AT ANY POINT
 2. RIP TEST:
 - THE 0.13mm. (.005") ZIPPING GROOVE SHALL BE CAPABLE OF BEING RIPPED BY HAND WITHIN THE RECESS, WITHOUT EXPOSING THE ADJACENT CONDUCTORS
 3. RoHS AND LEAD FREE COMPLIANT
 4. SPECIAL REQUIREMENT: N/A

PRODUCT APPLICATION	
<input checked="" type="checkbox"/>	GENERAL USE
<input type="checkbox"/>	AUTOMOTIVE
<input type="checkbox"/>	MEDICAL DEVICE

REV	DESCRIPTION
B1	SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN: CPANSAKHOM 2010/10/05 CHKD: PMEECHAI 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31

QUALITY SYMBOLS
▽=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	SCALE
DRAWN BY CPANSAKHOM	DATE 2006/07/18
CHECKED BY PMEECHAI	DATE 2006/07/18
APPROVED BY SVIRAT JAPOL	DATE 2006/07/18
MATERIAL NO.	DOCUMENT NO.
SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	INCH	☉
TITLE		
FCB ROUND CONDUCTOR 1.27MM(.050)CENTER PVC. 26AWG STRANDED TINNED		
MOLEX MOLEX INCORPORATED		
DOCUMENT NO. SD-8863-001		SHEET NO. 1 OF 3

REV. HISTORY	EC NO.	DETAIL	DATE
B1	E-10-0371	B1 : REMOVE REELS MFG. IN NOG.	2011/01/25
B	E-07-0748	B1 : ADD NON-OPERATING TEMP.	2007/11/23
A	N/A	NEW RELEASE	2006/07/18

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SPECIFICATIONSPHYSICAL

CONDUCTOR SPACING -----1.27 (.050") \square TO \square
 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

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

SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN: CPANSAKHOM 2010/10/05 CHKD: PMEECHAI 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31	DESCRIPTION B1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																															
		 =  =	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	ANGULAR ± ---°			<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>CPANSAKHOM</td> <td>2006/07/18</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>PMEECHAI</td> <td>2006/07/18</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>SVIRAT JAPOL</td> <td>2006/07/18</td> </tr> </table>	DRAWN BY	DATE	CPANSAKHOM	2006/07/18	CHECKED BY	DATE	PMEECHAI	2006/07/18	APPROVED BY	DATE	SVIRAT JAPOL	2006/07/18	TITLE		 MOLEX INCORPORATED		DOCUMENT NO.	SHEET NO.
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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

DIMENSIONS MM. (INCHES)						SHIPPED ON 100FT. REELS	
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-▲			
8863-5	5	5.08±0.18 (2.00±.007)	6.35 (2.50)	-05-			
8863-6	6	6.35±0.18 (2.50±.007)	7.62 (3.00)	-06-			
8863-7	7	7.62±0.18 (3.00±.007)	8.89 (3.50)	-07-			
8863-8	8	8.89±0.18 (.350±.007)	10.16 (4.00)	-08-			
8863-9	9	10.16±0.18 (4.00±.007)	11.43 (4.50)	-09-			
8863-10	10	11.43±0.18 (4.50±.007)	12.70 (5.00)	-10-			
8863-11	11	12.70±0.18 (5.00±.007)	13.97 (5.50)	-11-			
8863-12	12	13.97±0.18 (5.50±.007)	15.24 (6.00)	-12-			
8863-13	13	15.24±0.18 (6.00±.007)	16.51 (6.50)	-13-			
8863-14	14	16.51±0.18 (6.50±.007)	17.78 (7.00)	-14-			
8863-15	15	17.78±0.18 (7.00±.007)	19.05 (7.50)	-15-			
8863-16	16	19.05±0.23 (7.50±.009)	20.32 (8.00)	-16-			
8863-17	17	20.32±0.23 (8.00±.009)	21.59 (8.50)	-17-			
8863-18	18	21.59±0.23 (8.50±.009)	22.86 (9.00)	-18-			
8863-19	19	22.86±0.23 (9.00±.009)	24.13 (9.50)	-19-			
8863-20	20	24.13±0.23 (9.50±.009)	25.40 (1.000)	-20-			
8863-21	21	25.40±0.23 (1.000±.009)	26.67 (1.050)	-21-			
8863-22	22	26.67±0.23 (1.050±.009)	27.94 (1.100)	-22-			
8863-23	23	27.94±0.23 (1.100±.009)	29.21 (1.150)	-23-			
8863-24	24	29.21±0.23 (1.150±.009)	30.48 (1.200)	-24-			
8863-25	25	30.48±0.23 (1.200±.009)	31.75 (1.250)	-25-			
8863-26	26	31.75±0.23 (1.250±.009)	33.02 (1.300)	-26-			
8863-27	27	33.02±0.23 (1.300±.009)	34.29 (1.350)	-27-			
8863-28	28	34.29±0.23 (1.350±.009)	35.56 (1.400)	-28-			
8863-29	29	35.56±0.23 (1.400±.009)	36.83 (1.450)	-29-			
8863-30	30	36.83±0.23 (1.450±.009)	38.10 (1.500)	-30-			
8863-31	31	38.10±0.23 (1.500±.009)	39.37 (1.550)	-31-			
8863-32	32	39.37±0.23 (1.550±.009)	40.64 (1.600)	-32-			
8863-33	33	40.64±0.23 (1.600±.009)	41.91 (1.650)	-33-			
8863-34	34	41.91±0.23 (1.650±.009)	43.18 (1.700)	-34-			
8863-35	35	43.18±0.23 (1.700±.009)	44.45 (1.750)	-35-			
8863-36	36	44.45±0.23 (1.750±.009)	45.72 (1.800)	-36-			
8863-37	37	45.72±0.28 (1.800±.011)	46.99 (1.850)	-37-			
8863-38	38	46.99±0.28 (1.850±.011)	48.26 (1.900)	-38-			
8863-39	39	48.26±0.28 (1.900±.011)	49.53 (1.950)	-39-			
8863-40	40	49.53±0.28 (1.950±.011)	50.80 (2.000)	-40-			
8863-41	41	50.80±0.28 (2.000±.011)	52.07 (2.050)	-41-			
8863-42	42	52.07±0.28 (2.050±.011)	53.34 (2.100)	-42-			
8863-43	43	53.34±0.28 (2.100±.011)	54.61 (2.150)	-43-			
8863-44	44	54.61±0.28 (2.150±.011)	55.88 (2.200)	-44-			
8863-45	45	55.88±0.28 (2.200±.011)	57.15 (2.250)	-45-			
8863-46	46	57.15±0.28 (2.250±.011)	58.42 (2.300)	-46-			
8863-47	47	58.42±0.28 (2.300±.011)	59.69 (2.350)	-47-			
8863-48	48	59.69±0.28 (2.350±.011)	60.96 (2.400)	-48-			
8863-49	49	60.96±0.28 (2.400±.011)	62.23 (2.450)	▼-49-▼			
8863-50	50	62.23±0.28 (2.450±.011)	63.50 (2.500)	8863-50-100B	82-26-6850		

QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES \pm --- mm 3 PLACES \pm --- mm 2 PLACES \pm --- mm 1 PLACE \pm --- mm	DIMENSION STYLE MM/IN DRAWN BY CPANSAKHOM DATE 2006/07/18 CHECKED BY PMEECHAI DATE 2006/07/18 APPROVED BY SVIRAT JAPOL DATE 2006/07/18 MATERIAL NO. SEE CHART	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
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS ANGULAR \pm ----° THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

15/03/1102 TAPOL APPR:SVIRATJAPOL
 52/10/1102 CHKD:PMEECHAI
 50/10/1002 DRWN:CPANSAKHOM
 7500-1102 THTL ON CE
B1
 SEE CHANGE DETAIL.

E D C B A

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