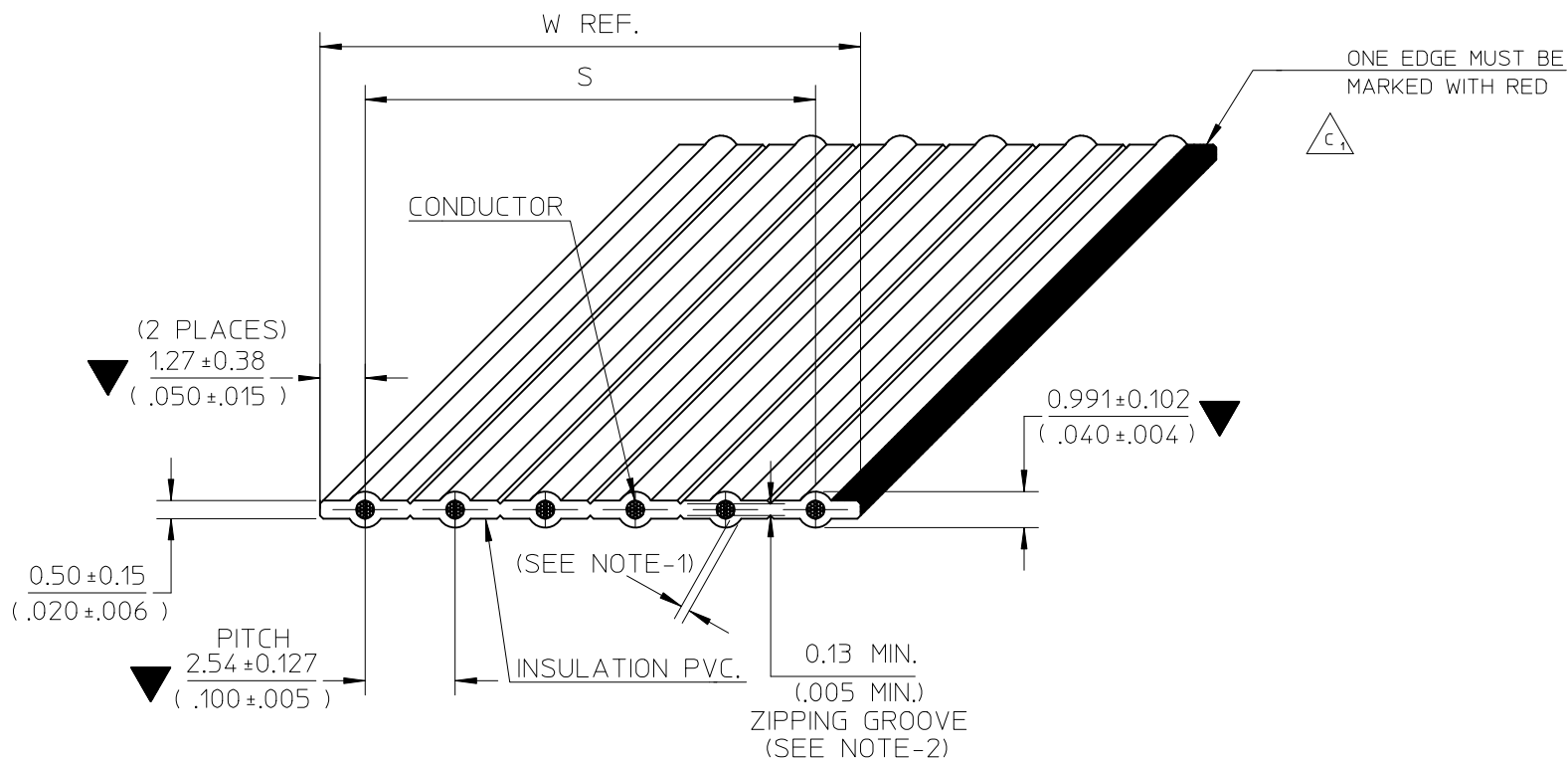


7 6 5 4 3 2 1



- 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

C	E-10-0371	C ₂ : MARK OBS WITH REPLACE P/N. C ₁ : REMOVE REELS MFG. IN NOG.	2011/01/25
B	E-07-0748	B ₃ : ADD NON-OPERATING TEMP. B ₂ : ADD SOLDERING CONDITION B ₁ : CHANGE WEB THICKNESS	2007/09/26
A	N/A	NEW RELEASE	2006/07/18
REV. HISTORY	EC NO.	DETAIL	DATE

SEE CHANGE DETAIL
 EC NO: THL2011-0054
 DRWN:DNARINTARA 2011/01/25
 CHKD:DNARINTARA 2011/01/25
 APPR:SVIRATJAPOL 2011/03/31

QUALITY SYMBOLS
▼=3
△=0
DESCRIPTION
REV

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	2006/07/18
CHECKED BY	DATE
PMEECHAI	2006/07/18
APPROVED BY	DATE
SVIRATJAPOL	2006/07/18
MATERIAL NO.	
SEE CHART	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	INCH	
TITLE		
FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 26AWG STRANDED TOPCOATED		
molex MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-8996-001	1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING _ _ _ _ _ 2.54 (.100") C TO C
 WIRE GAUGE _ _ _ _ _ 26 AWG(7/34) STRANDED TOPCOATED
 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.) _ _ _ _ _ 43m. OHMS/FT. MAX.
 CHARACTERISTIC IMPEDANCE _ _ _ _ _ 145 OHMS NOM. (GS)
 123 OHMS NOM. (GSG)
 CAPACITANCE _ _ _ _ _ 5.6 pF/FT. NOM. (GS)
 10.3 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

SOLDERING CONDITION

SOLDER TEMPERATURE _ _ _ _ _ 260°C. MAX.
 SOLDERING TIME _ _ _ _ _ 3 SECOND, MAX.
 INSULATION SHRINK _ _ _ _ _ 2MM. NOM.

SEE CHANGE DETAIL EC NO: THL2011-0054 DRW:DNARINTARA 2011/01/25 CHK:DNARINTARA 2011/01/25 APPR:SVIRATJAPOL 2011/03/31	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
		 =  =		mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/18	TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 26AWG STRANDED TOPCOATED				
			4 PLACES	±---	±---	CHECKED BY PMEECHAI	DATE 2006/07/18					
			3 PLACES	±---	±---	APPROVED BY SVIRATJAPOL	DATE 2006/07/18					
			2 PLACES	±---	±---	MATERIAL NO.		DOCUMENT NO. SD-8996-001				
1 PLACE	±---	±---	SIZE A 4									
		ANGULAR ±---°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SHEET NO. 2 OF 3						
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												

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CHART A					
DIMENSIONS MM. (INCHES)					
ENGINEERING NO.	ORDER NO.	NO. OF CONDUCTOR	DIMENSION S	DIM. W (REF.)	
8996-02-100B	82-26-5802	2	2.54±0.127 (.100±.005)	5.08 (.200)	
▲ -03- ▲	▲ 5803	3	5.08±0.20 (.200±.008)	7.62 (.300)	
-04-	5804	4	7.62±0.30 (.300±.012)	10.16 (.400)	
▲ -05- ▲	5805	5	10.16±0.33 (.400±.013)	12.70 (.500)	
REPLACE -05-	8805	5	10.16±0.33 (.400±.013)	12.70 (.500)	
-06-	5806	6	12.70±0.33 (.500±.013)	15.24 (.600)	
OBSOLETE -07-	5807	7	15.24±0.33 (.600±.013)	17.78 (.700)	
REPLACE -07-	8807	7	15.24±0.33 (.600±.013)	17.78 (.700)	
OBSOLETE -08-	5808	8	17.78±0.33 (.700±.013)	20.32 (.800)	
REPLACE -08-	8808	8	17.78±0.33 (.700±.013)	20.32 (.800)	
-09-	5809	9	20.32±0.33 (.800±.013)	22.86 (.900)	
-10-	5810	10	22.86±0.33 (.900±.013)	25.40 (1.000)	
-11-	5811	11	25.40±0.33 (1.000±.013)	27.94 (1.100)	
OBSOLETE -12-	5812	12	27.94±0.33 (1.100±.013)	30.48 (1.200)	
REPLACE -12-	8812	12	27.94±0.33 (1.100±.013)	30.48 (1.200)	
-13-	5813	13	30.48±0.33 (1.200±.013)	33.02 (1.300)	
-14-	5814	14	33.02±0.33 (1.300±.013)	35.56 (1.400)	
-15-	5815	15	35.56±0.33 (1.400±.013)	38.10 (1.500)	
-16-	5816	16	38.10±0.33 (1.500±.013)	40.64 (1.600)	
OBSOLETE -17-	5817	17	40.64±0.33 (1.600±.013)	43.18 (1.700)	
REPLACE -17-	8817	17	40.64±0.33 (1.600±.013)	43.18 (1.700)	
-18-	5818	18	43.18±0.33 (1.700±.013)	45.72 (1.800)	
▼ -19- ▼	▼ 5819	19	45.72±0.33 (1.800±.013)	48.26 (1.900)	
8996-20-100B	82-26-5820	20	48.26±0.33 (1.900±.013)	50.80 (2.000)	



ENGINEERING NO.

8996-XX-XXXX
A B C D

A : CABLE 2.54mm. (.100") CENTERS 26AWG STRANDED TOPCOATED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 20)

C : CABLE LENGTH 100FT. (30.48M.)

D : A = INCHES

B = FEET

SEE CHANGE DETAIL EC NO: THL2011-0054 DRW:N:DNARINTARA 2011/01/25 CHKD:DNARINTARA 2011/01/25 APPR:SVIRAT JAPOL 2011/03/31	QUALITY SYMBOLS ▼ = △ =	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY CPANSAKHOM	DATE 2006/07/18	TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 26AWG STRANDED TOPCOATED		
		2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	CHECKED BY PMEECHAI	DATE 2006/07/18	MOLEX INCORPORATED		
		ANGULAR ± ---°		APPROVED BY SVIRAT JAPOL	DATE 2006/07/18	DOCUMENT NO. SD-8996-001		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 3 OF 3		

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