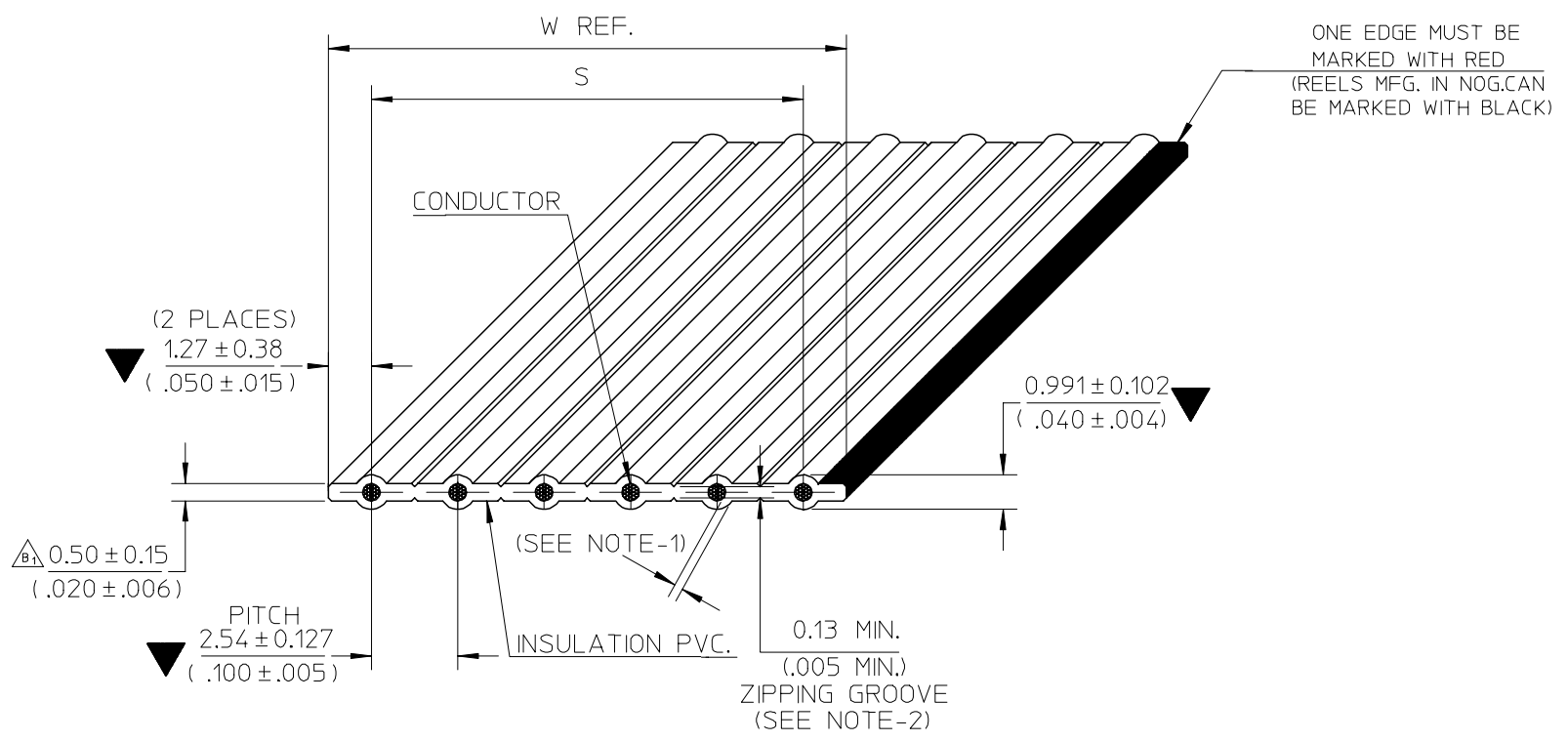


7 6 5 4 3 2 1

E
D
C
B
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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

B	E-07-0748	B ₃ : ADD NON-OPERATING TEMP. B ₂ : ADD SOLDERING CONDITION B ₁ : CHANGE WEB THICKNESS	07/09/26
A	N/A	NEW RELEASE	06/07/18
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
▽=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 NTS
DRAWN BY CPANSAKHOM	DATE 2006/07/18
CHECKED BY PMEECHAI	DATE 2006/07/18
APPROVED BY SVIRATJAPOL	DATE 2006/07/18
MATERIAL NO.	SEE CHART

DESIGN UNITS	THIRD ANGLE PROJECTION
INCH	
TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 26AWG STRANDED TOPCOATED	
MOLEX INCORPORATED	
DOCUMENT NO. SD-8996-001	SHEET NO. 1 OF 3

6 5 4 3 2 1

SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING ----- 2.54 (.100") ϵ TO ϵ
 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

Δ_{B_1} NON-OPERATING TEMPERATURE ----- -20°C TO 105°C
 FAULTS AND/OR SPLICES ----- 1/REEL MAX. 100 \pm 3 FT. (30.48 \pm 0.914 M.)/REEL
 ----- 20FT. (6.096M.) MIN. LENGTH

Δ_{B_2} SOLDERING CONDITION

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

SEE CHANGE DETAIL EC NO: THL2008-0015 DRWN: CPANSAKHOM 2007/11/28 CHKD: DNARINTARA 2007/11/29 APPR: SVIRATJAPOL 2007/12/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			mm	INCH	MM/IN		NTS	INCH			
		$\blacktriangledown =$	4 PLACES \pm ----	\pm ----	DRAWN BY	DATE	TITLE				
		$\triangleleft =$	3 PLACES \pm ----	\pm ----	CPANSAKHOM	2006/07/18	FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 26AWG STRANDED TOPCOATED				
			2 PLACES \pm ----	\pm ----	CHECKED BY	DATE	MOLEX INCORPORATED				
	1 PLACE \pm ----	\pm ----	PMEECHAI	2006/07/18	APPROVED BY		DATE	DOCUMENT NO.		SHEET NO.	
		ANGULAR \pm ----	SVIRATJAPOL	2006/07/18	MATERIAL NO.		SD-8996-001		2 OF 3		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE	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- ↑	↑ 03	3	5.08±0.20 (.200±.008)	7.62 (.300)
-04-	04	4	7.62±0.30 (.300±.012)	10.16 (.400)
-05-	05	5	10.16±0.33 (.400±.013)	12.70 (.500)
-06-	06	6	12.70±0.33 (.500±.013)	15.24 (.600)
-07-	07	7	15.24±0.33 (.600±.013)	17.78 (.700)
-08-	08	8	17.78±0.33 (.700±.013)	20.32 (.800)
-09-	09	9	20.32±0.33 (.800±.013)	22.86 (.900)
-10-	10	10	22.86±0.33 (.900±.013)	25.40 (1.000)
-11-	11	11	25.40±0.33 (1.000±.013)	27.94 (1.100)
-12-	12	12	27.94±0.33 (1.100±.013)	30.48 (1.200)
-13-	13	13	30.48±0.33 (1.200±.013)	33.02 (1.300)
-14-	14	14	33.02±0.33 (1.300±.013)	35.56 (1.400)
-15-	15	15	35.56±0.33 (1.400±.013)	38.10 (1.500)
-16-	16	16	38.10±0.33 (1.500±.013)	40.64 (1.600)
-17-	17	17	40.64±0.33 (1.600±.013)	43.18 (1.700)
-18-	18	18	43.18±0.33 (1.700±.013)	45.72 (1.800)
↓ -19- ↓	↓ 19	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

D

D

C

C

B

B

A

A

SEE CHANGE DETAIL EC NO: THL2008-0015 DRWN: CPANSAKHOM 2007/11/28 CHKD: DNARINTARA 2007/11/29 APPR: SVIRATJAPOL 2007/12/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	= =	mm	INCH	MM/IN	NTS	INCH	DRAWN BY CPANSAKHOM DATE 2006/07/18 CHECKED BY PMEECHAI DATE 2006/07/18 APPROVED BY SVIRATJAPOL DATE 2006/07/18 MATERIAL NO. SEE CHART DOCUMENT NO. SD-8996-001 SHEET NO. 3 OF 3
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	ANGULAR ± ---°	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 26AWG STRANDED TOPCOATED MOLEX INCORPORATED	

6 5 4 3 2 1