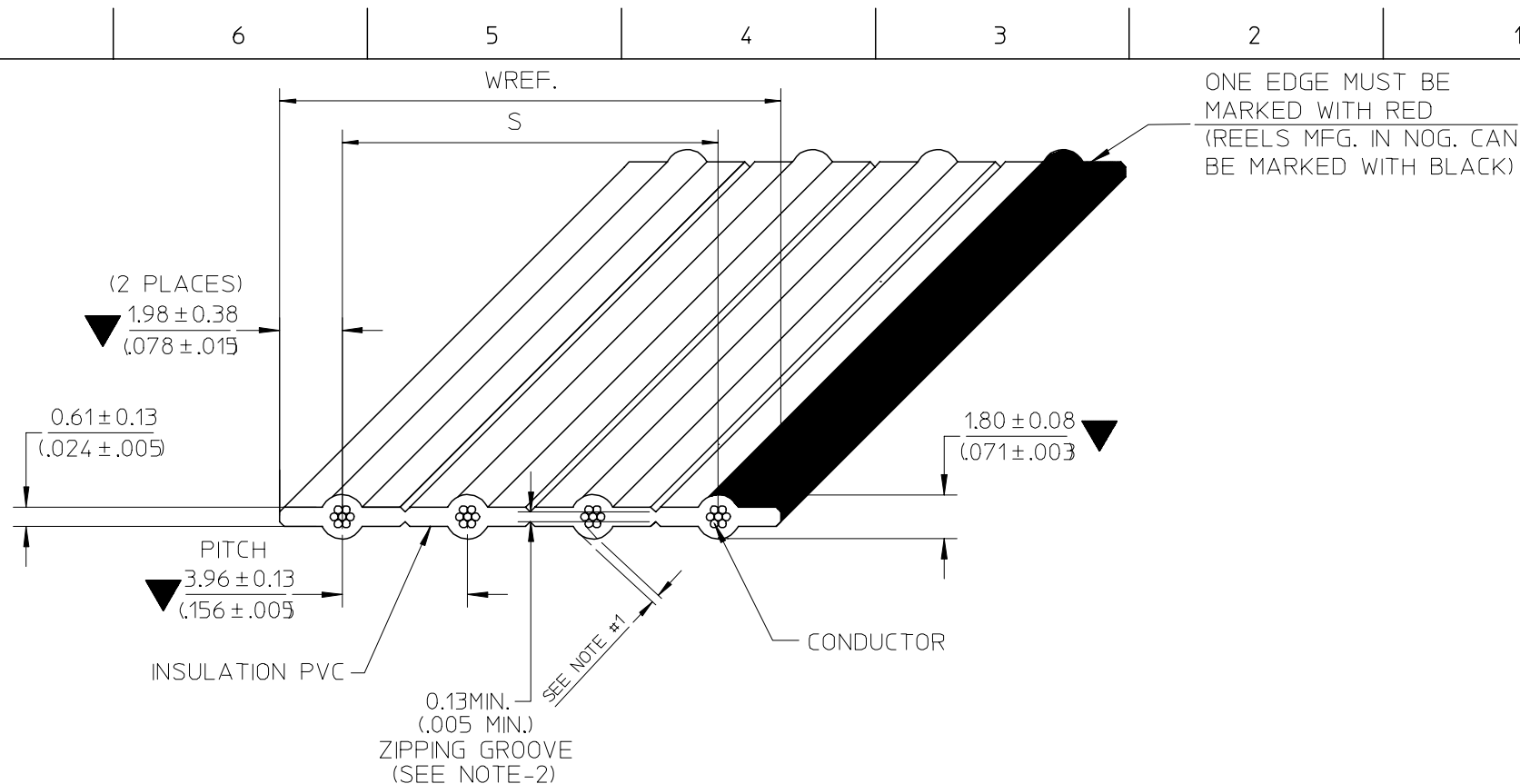




- NOTE :
1. THE CABLE SHALL HAVE A MINIMUM OF 0.178mm. (.007") THICKNESS INSULATION AT ANY POINT
 2. RIP TEST:
 - THE 0.13mm. (.005") ZIPPING GROOVE SHALL BE CAPABLE OF BEING RIPPED BY HAND WITHIN THE RECESS, WITHOUT EXPOSING THE ADJACENT CONDUCTORS
 3. RoHS AND LEAD FREE COMPLIANT
 4. SPECIAL REQUIREMENT: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

NEW RELEASE EC NO: THL2007-0003 DRWN: CPANSAKHOM 2006/08/15 CHKD: PMEECHAI 2006/08/30 APPR: SVIRATJAPOL 2006/09/01	DESCRIPTION	QUALITY SYMBOLS ▽=3 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/08/09	TITLE FCB ROUND CONDUCTOR 3.96MM(.156)CENTERS PVC. 18AWG STRANDED TINNED					
			4 PLACES	± ---	± ---	CHECKED BY PMEECHAI	DATE 2006/08/09						
			3 PLACES	± ---	± ---	APPROVED BY SVIRATJAPOL		DATE 2006/08/09		molex MOLEX INCORPORATED			
			2 PLACES	± ---	± ---								
1 PLACE	± ---	± ---	ANGULAR ± ---°				MATERIAL NO. SEE CHART				DOCUMENT NO. SD-40174-001	SHEET NO. 1 OF 3	
A	REV		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						

7	6	5	4	3	2	1																																																								
E	SPECIFICATIONS PHYSICAL CONDUCTOR SPACING_____3.96 (0.156") C TO C WIRE GAUGE_____18 AWG(7/26) 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.)_____ 7 m OHMS/FT. MAX. CHARACTERISTIC IMPEDANCE_____128 OHMS NOM. (GS) _____105 OHMS NOM. (GSG) CAPACITANCE_____5.9 pF/FT. NOM. (GS) _____10.9 pF/FT. NOM. (GSG) PROPAGATION DELAY_____1.4 ns/FT. NOM. INSULATION RESISTANCE_____10⁴M OHMS (10FT. SAMPLE) DIELECTRIC WITHSTAND VOLTAGE_____2000 VRMS/MINUTE GENERAL FAULTS AND/OR SPLICES_____1/REEL MAX. 100⁺³₋₀ FT. (30.48^{+0.914}₋₀ M.)/REEL _____20FT. (6.096M.) MIN. LENGTH						E																																																							
D							D																																																							
C							C																																																							
B							B																																																							
A	<table><tr><td rowspan="5">NEW RELEASE EC NO: N/A 2007-0003 DRWN: CPANSAKHOM 2006/08/15 CHKD: PMEECHAI 05/2006/08/30 APPR: SVIRATJAPOL 05/2006/08/31</td><td rowspan="5">QUALITY SYMBOLS ▼ = ▽ = </td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td>DIMENSION STYLE</td><td>SCALE</td><td>DESIGN UNITS</td><td rowspan="5"> THIRD ANGLE PROJECTION </td></tr><tr><td colspan="2"></td><td>MM/IN</td><td>NTS</td><td>INCH</td></tr><tr><td></td><td>mm</td><td>INCH</td><td>DRAWN BY</td><td>DATE</td><td>TITLE</td></tr><tr><td>4 PLACES</td><td>±---</td><td>±---</td><td>CPANSAKHOM</td><td>2006/08/09</td><td rowspan="2">FCB ROUND CONDUCTOR 3.96MM (ROUND CONDUCTOR) P.V.C. 18AWG STRANDED TINNED</td></tr><tr><td>3 PLACES</td><td>±---</td><td>±---</td><td>CHECKED BY</td><td>DATE</td><td>MOLEX INCORPORATED</td></tr><tr><td>2 PLACES</td><td>±---</td><td>±---</td><td>PMEECHAI</td><td>2006/08/09</td><td>MATERIAL NO.</td><td>DOCUMENT NO.</td><td>SHEET NO.</td></tr><tr><td>1 PLACE</td><td>±---</td><td>±---</td><td>APPROVED BY</td><td>DATE</td><td>SEE CHART</td><td>SD-40174-001</td><td>2 OF 3</td></tr><tr><td colspan="2">ANGULAR ±---°</td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>SIZE</td><td colspan="3">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>						NEW RELEASE EC NO: N/A 2007-0003 DRWN: CPANSAKHOM 2006/08/15 CHKD: PMEECHAI 05/2006/08/30 APPR: SVIRATJAPOL 05/2006/08/31	QUALITY SYMBOLS ▼ = ▽ =	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			MM/IN	NTS	INCH		mm	INCH	DRAWN BY	DATE	TITLE	4 PLACES	±---	±---	CPANSAKHOM	2006/08/09	FCB ROUND CONDUCTOR 3.96MM (ROUND CONDUCTOR) P.V.C. 18AWG STRANDED TINNED	3 PLACES	±---	±---	CHECKED BY	DATE	MOLEX INCORPORATED	2 PLACES	±---	±---	PMEECHAI	2006/08/09	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	1 PLACE	±---	±---	APPROVED BY	DATE	SEE CHART	SD-40174-001	2 OF 3	ANGULAR ±---°		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			A
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6	5	4	3	2	1																																																									

CHART A				SHIPPED ON	
DIMENSIONS MM. (INCHES)				100 FT. REELS	
ENG. NO.	NO.OF COND.	DIMENSION S	DIM. W (REF)	ENGINEERING NO.	ORDER NO.
40174- 2	2	3.96±0.13 (.156±.005)	7.92 (.312)	40174-02-100B	82-18-6002
40174- 3	3	7.92±0.25 (.312±.010)	11.89 (.468)	▲ -03- ▲	▲ 03
40174- 4	4	11.89±0.38 (.468±.015)	15.85 (.624)	▲ -04- ▲	▲ 04
40174- 5	5	15.85±0.38 (.624±.015)	19.81 (.780)	▲ -05- ▲	▲ 05
40174- 6	6	19.81±0.38 (.780±.015)	23.77 (.936)	▲ -06- ▲	▲ 06
40174- 7	7	23.77±0.38 (.936±.015)	27.74 (1.092)	▲ -07- ▲	▲ 07
40174- 8	8	27.74±0.38 (1.092±.015)	31.70 (1.248)	▲ -08- ▲	▲ 08
40174- 9	9	31.70±0.38 (1.248±.015)	35.66 (1.404)	▲ -09- ▲	▲ 09
40174-10	10	35.66±0.38 (1.404±.015)	39.62 (1.560)	▲ -10- ▲	▲ 10
40174-11	11	39.62±0.38 (1.560±.015)	43.59 (1.716)	▲ -11- ▲	▲ 11
40174-12	12	43.59±0.38 (1.716±.015)	47.55 (1.872)	▲ -12- ▲	▲ 12
40174-13	13	47.55±0.38 (1.872±.015)	51.51 (2.028)	▲ -13- ▲	▲ 13
40174-14	14	51.51±0.38 (2.028±.015)	55.47 (2.184)	▲ -14- ▲	▲ 14
40174-15	15	55.47±0.38 (2.184±.015)	59.44 (2.340)	▲ -15- ▲	▲ 15
40174-16	16	59.44±0.38 (2.340±.015)	63.40 (2.496)	▼ -16- ▼	▼ 16

ENGINEERING NO.

40174-XX-XXXX

A B C D

A : CABLE 3.96mm. (.156") CENTERS 18 AWG STRANDED TINNED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 16)

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

D : A = INCHES

B = FEET

NEW RELEASE EC NO: N/A 2007-0003 A DRWN: CPANSAKHOM 2006/08/15 CHKD: PMEECHAI 05/2006/08/30 APPR: SVIRATJAPOL 05/2006/08/31	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	 = ≤	mm	INCH	MM/IN	NTS	INCH	
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE
		3 PLACES	± ---	± ---	CPANSAKHOM	2006/08/09	FCB ROUND CONDUCTOR 3.96mm (.156") CENTERS 18AWG STRANDED TINNED FCB ROUND CONDUCTOR
		2 PLACES	± ---	± ---	CHECKED BY	DATE	
1 PLACE	± ---	± ---	PMEECHAI	2006/08/09	APPROVED BY	DATE	MOLEX INCORPORATED
		ANGULAR ± ---°	SVIRATJAPOL	2006/08/09	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	SD-40174-001	3 OF 3		
			SIZE A 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			