



- 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 ₂ : ADD NON-OPERATING TEMP. B ₁ : CHANGE WEB THICKNESS	07/09/26
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
▽=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	2006/07/12
CHECKED BY	DATE
PMEECHAI	2006/07/12
APPROVED BY	DATE
SVIRATJAPOL	2006/07/12
MATERIAL NO.	
SEE CHART	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
TITLE		
FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED		
MOLEX MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-24226-001	1 OF 3

7 6 5 4 3 2 1

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING ----- 2.54 (.100") \bar{C} TO \bar{C}
 WIRE GAUGE ----- 24 AWG (7/32) 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.) ----- 27 m OHMS/FT. MAX.
 CHARACTERISTIC IMPEDANCE ----- 134 OHMS NOM. (GS)
 114 OHMS NOM. (GSG)
 CAPACITANCE ----- 6.6 pF/FT. NOM. (GS)
 12.0 pF/FT. NOM. (GSG)
 PROPAGATION DELAY ----- 1.4 ns/FT. NOM.
 INSULATION RESISTANCE ----- 10 M OHMS (10FT. SAMPLE)
 DIELECTRIC WITHSTAND VOLTAGE ----- 2000 VRMS/MINUTE

GENERAL

\triangle_{B_2} 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

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	DESCRIPTION REV	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						MM/IN		NTS	INCH				
		$\blacktriangledown =$ $\triangle =$		mm	INCH	DRAWN BY	DATE	TITLE					
				4 PLACES	± ---	± ---	CPANSAKHOM	2006/07/12	FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED				
				3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX MOLEX INCORPORATED				
		2 PLACES	± ---	± ---	PMEECHAI	2006/07/12	SHEET NO. 2 OF 3						
		1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-24226-001						
		ANGULAR ± ---°		SVIRATJAPOL		2006/07/12	MATERIAL NO. SEE CHART						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE \triangle_{A_4}		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

6

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CHART A DIMENSIONS MM (INCHES)				SHIPPED ON 100FT REELS	
ENG. NO.	NO. OF COND.	DIMENSION S	DIM. W (REF)	ENGINEERING NO.	ORDER NO.
24226-2	2	2.54±0.10 (.100±.004)	5.08 (.200)	24226-02-100B	82-24-7702
24226-3	3	5.08±0.20 (.200±.008)	7.62 (.300)	24226-03-100B	82-24-7703
24226-4	4	7.62±0.30 (.300±.012)	10.16 (.400)	24226-04-100B	82-24-7704
24226-5	5	10.16±0.33 (.400±.013)	12.70 (.500)	24226-05-100B	82-24-7705
24226-6	6	12.70±0.33 (.500±.013)	15.24 (.600)	24226-06-100B	82-24-7706
24226-7	7	15.24±0.33 (.600±.013)	17.78 (.700)	24226-07-100B	82-24-7707
24226-8	8	17.78±0.33 (.700±.013)	20.32 (.800)	24226-08-100B	82-24-7708
24226-9	9	20.32±0.33 (.800±.013)	22.86 (.900)	24226-09-100B	82-24-7709
24226-10	10	22.86±0.33 (.900±.013)	25.40 (1.000)	24226-10-100B	82-24-7710
24226-11	11	25.40±0.33 (1.000±.013)	27.94 (1.100)	24226-11-100B	82-24-7711
24226-12	12	27.94±0.33 (1.100±.013)	30.48 (1.200)	24226-12-100B	82-24-7712
24226-13	13	30.48±0.33 (1.200±.013)	33.02 (1.300)	24226-13-100B	82-24-7713
24226-14	14	33.02±0.33 (1.300±.013)	35.56 (1.400)	24226-14-100B	82-24-7714
24226-15	15	35.56±0.33 (1.400±.013)	38.10 (1.500)	24226-15-100B	82-24-7715
24226-16	16	38.10±0.33 (1.500±.013)	40.64 (1.600)	24226-16-100B	82-24-7716
24226-17	17	40.64±0.33 (1.600±.013)	43.18 (1.700)	24226-17-100B	82-24-7717
24226-18	18	43.18±0.33 (1.700±.013)	45.72 (1.800)	24226-18-100B	82-24-7718
24226-19	19	45.72±0.33 (1.800±.013)	48.26 (1.900)	24226-19-100B	82-24-7719
24226-20	20	48.26±0.33 (1.900±.013)	50.80 (2.000)	24226-20-100B	82-24-7720

ENGINEERING NO.

24226-XX-XXXX

A B C D

A : CABLE 2.54mm. (.100") CENTERS 24 AWG STRANDED TINNED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 20)

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

D : A = INCHES

B = FEET

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