

- 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

SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN: CPANSAKHOM 2010/10/05 CHKD: PREECHAI 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31	QUALITY SYMBOLS ▽=3 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± ---		DRAWN BY DATE CPANSAKHOM 2006/07/12 CHECKED BY DATE PREECHAI 2006/07/12 APPROVED BY DATE SVIRAT JAPOL 2006/07/12		TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED		
		ANGULAR ± ---°		MATERIAL NO. SEE CHART		MOLEX INCORPORATED DOCUMENT NO. SD-24226-001		
		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		
B1 E-10-0371 B1 ₁ : REMOVE REELS MFG. IN NOG. 2011/01/25	B E-07-0748 B ₂ : ADD NON-OPERATING TEMP. B ₃ : CHANGE WEB THICKNESS 2007/09/26	A N/A NEW RELEASE 2006/07/12	EC NO. DETAIL DATE	REV B1	DESCRIPTION			

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SPECIFICATIONSPHYSICAL

CONDUCTOR SPACING ----- 2.54 (.100") \perp TO \perp
 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

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		
										TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED	
			4 PLACES	± ---	± ---	DRAWN BY CPANSAKHOM	DATE 2006/07/12	CHECKED BY PMEECHAI			DATE 2006/07/12
			3 PLACES	± ---	± ---	APPROVED BY SVIRAT JAPOL	DATE 2006/07/12	 MOLEX INCORPORATED			
			2 PLACES	± ---	± ---	MATERIAL NO.		DOCUMENT NO.			SHEET NO.
1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-24226-001 2 OF 3					
				ANGULAR ± ---°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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CHART A				SHIPPED ON 100FT REELS	
DIMENSIONS MM (INCHES)					
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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		 =  =		mm	INCH				DRAWN BY	DATE	TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTERS PVC. 24AWG STR TINNED
				4 PLACES ± ---	± ---				CPANSAKHOM	2006/07/12	
				3 PLACES ± ---	± ---				CHECKED BY	DATE	
				2 PLACES ± ---	± ---				PMEECHAI	2006/07/12	
1 PLACE ± ---	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-24226-001 SHEET NO. 3 OF 3							
ANGULAR ± ---°		SVIRAT JAPOL	2006/07/12								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A 4			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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