

- 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 2010/11/10
 CHKD: DNARINTARA 2011/01/25
 APPR: SVIRAT JAPOL 2011/03/31

QUALITY SYMBOLS	DESCRIPTION
▼=3	
△=0	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm
4 PLACES	± ---
3 PLACES	± ---
2 PLACES	± ---
1 PLACE	± ---
ANGULAR ± ---°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	
MM/IN	SCALE
DRAWN BY CPANSAKHOM	DATE 2006/07/18
CHECKED BY PMEECHAI	DATE 2006/07/18
APPROVED BY SVIRAT JAPOL	DATE 2006/07/18
MATERIAL NO.	DOCUMENT NO.

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE FCB ROUND CONDUCTOR 2.00MM(.079)CENTER PVC. 26AWG STRANDED TOPCOATED		
MOLEX INCORPORATED		
SD-24462-001	SHEET NO. 1 OF 3	

REV. HISTORY	EC NO.	DETAIL	DATE
C	E-10-0371	C ₃ : MARK OBS WITH REPLACE P/N. C ₂ : CORRECT TYPING ERROR. C ₁ : REMOVE REELS MFG. IN NOG.	2011/01/24
B	E-07-0748	B ₂ : ADD NON-OPERATING TEMP. B ₁ : ADD SOLDERING CONDITION	2007/10/01
A	N/A	NEW RELEASE	2006/07/18

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SPECIFICATIONSPHYSICAL

CONDUCTOR SPACING ----- 2.00(0.079") ϕ TO ϕ 
 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.) ----- 43 m OHMS/FT. MAX.
 CHARACTERISTIC IMPEDANCE ----- 133 OHMS NOM. (GS)
 111 OHMS NOM. (GSG)
 CAPACITANCE ----- 7.3 pF/FT. NOM. (GS)
 13.4 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⁺³₀ 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 DRWN: CPANSAKHOM 2010/11/10 CHKD: DNARINTARA 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		 =			DRAWN BY DATE	TITLE	MOLEX MOLEX INCORPORATED	SHEET NO. 2 OF 3
		 =			CHECKED BY DATE			
					APPROVED BY DATE	DOCUMENT NO. SD-24462-001		
					MATERIAL NO.			
			ANGULAR \pm ---°	SEE CHART				
			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"						
DIMENSION MM (INCHES)						
ENG. NO	NO OF COND.	DIMENSION S		DIM "W" REF.	SHIPPED ON 100FT. REELS	
					ENGINEERING NO.	ORDER NO.
24462-02	2	2.00±.080	(.079±.003)	4.00 (.157)	24462-02-100B	82-26-4402
24462-03	3	4.00±.230	(.157±.009)	6.00 (.236)	↑ -03- ↑	↑ 03 ↑
24462-04	4	6.00±.230	(.236±.009)	8.00 (.315)	↑ -04- ↑	↑ 04 ↑
24462-05	5	8.00±.280	(.315±.011)	10.00 (.394)	↑ -05- ↑	↑ 05 ↑
24462-06	6	10.00±.280	(.394±.011)	12.00 (.472)	↑ -06- ↑	↑ 06 ↑
24462-07	7	12.00±.280	(.472±.011)	14.00 (.551)	↑ -07- ↑	↑ 07 ↑
24462-08	8	14.00±.280	(.551±.011)	16.00 (.630)	↑ -08- ↑	↑ 08 ↑
24462-09	9	16.00±.280	(.630±.011)	18.00 (.709)	↑ -09- ↑	↑ 4409 ↑
24462-09	9	16.00±.280	(.630±.011)	18.00 (.709)	↑ -09- ↑	↑ 8409 ↑
24462-10	10	18.00±.280	(.709±.011)	20.00 (.787)	↑ -10- ↑	↑ 4410 ↑
24462-11	11	20.00±.280	(.787±.011)	22.00 (.866)	↑ -11- ↑	↑ 11 ↑
24462-12	12	22.00±.280	(.866±.011)	24.00 (.945)	↑ -12- ↑	↑ 12 ↑
24462-13	13	24.00±.280	(.945±.011)	26.00 (1.024)	↑ -13- ↑	↑ 13 ↑
24462-14	14	26.00±.280	(1.024±.011)	28.00 (1.102)	↑ -14- ↑	↑ 14 ↑
24462-15	15	28.00±.280	(1.102±.011)	30.00 (1.181)	↑ -15- ↑	↑ 15 ↑
24462-16	16	30.00±.280	(1.181±.011)	32.00 (1.260)	↑ -16- ↑	↑ 16 ↑
24462-17	17	32.00±.280	(1.260±.011)	34.00 (1.339)	↑ -17- ↑	↑ 17 ↑
24462-18	18	34.00±.280	(1.339±.011)	36.00 (1.417)	↑ -18- ↑	↑ 18 ↑
24462-19	19	36.00±.280	(1.417±.011)	38.00 (1.496)	↑ -19- ↑	↑ 19 ↑
24462-20	20	38.00±.280	(1.496±.011)	40.00 (1.575)	↑ -20- ↑	↑ 20 ↑
24462-21	21	40.00±.280	(1.575±.011)	42.00 (1.654)	↑ -21- ↑	↑ 21 ↑
24462-22	22	42.00±.280	(1.654±.011)	44.00 (1.732)	↑ -22- ↑	↑ 22 ↑
24462-23	23	44.00±.280	(1.732±.011)	46.00 (1.811)	↑ -23- ↑	↑ 23 ↑
24462-24	24	46.00±.280	(1.811±.011)	48.00 (1.890)	↑ -24- ↑	↑ 24 ↑
24462-25	25	48.00±.280	(1.890±.011)	50.00 (1.969)	↑ -25- ↑	↑ 25 ↑
24462-26	26	50.00±.280	(1.969±.011)	52.00 (2.047)	↑ -26- ↑	↑ 26 ↑
24462-27	27	52.00±.280	(2.047±.011)	54.00 (2.126)	↑ -27- ↑	↑ 27 ↑
24462-28	28	54.00±.280	(2.126±.011)	56.00 (2.205)	24462-28-100B	82-26-4428



OBSOLETE
REPLACE

ENGINEERING NO.

24462-XX-XXXX

A B C D

A : CABLE 2.00mm. (.079") CENTERS 26 AWG STRANDED TOPCOATED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 28)

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

D : A = INCHES

B = FEET

SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN: CPANSAKHOM 2010/11/10 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 METRIC	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/18	TITLE FCB ROUND CONDUCTOR 2.00MM(.079)CENTER PVC. 26AWG STRANDED TOPCOATED MOLEX INCORPORATED	DOCUMENT NO. SD-24462-001
		4 PLACES	± ---	± ---	CHECKED BY PMEECHAI	DATE 2006/07/18		
		3 PLACES	± ---	± ---	APPROVED BY SVIRAT JAPOL	DATE 2006/07/18		
2 PLACES	± ---	± ---	MATERIAL NO. SEE CHART					
			1 PLACE	± ---	± ---	SHEET NO. 3 OF 3		
		ANGULAR ± ---°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

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