



- 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 <sub>2</sub> : ADD NON-OPERATING TEMP. B <sub>1</sub> : 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	DESCRIPTION
▽=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	
DRAWN BY	DATE
CPANSAKHOM	2006/07/18
CHECKED BY	DATE
PMEECHAI	2006/07/18
APPROVED BY	DATE
SVIRATJAPOL	2006/07/18
MATERIAL NO.	
SEE CHART	
SIZE	
A 4	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	INCH	
TITLE		
FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-7560-001	1 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING ..... 2.54(.100")  $\bar{C}$  TO  $\bar{C}$   
 WIRE GAUGE ..... 22 AWG(7/30) 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.) ..... 17 m OHMS/FT. MAX.  
 CHARACTERISTIC IMPEDANCE ..... 128 OHMS NOM. (GS)  
 ..... 104 OHMS NOM. (GSG)  
 CAPACITANCE ..... 7.2 pF/FT. NOM. (GS)  
 ..... 13.4 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 $\pm$  $\frac{3}{0}$  FT. (30.48 $\pm$  $\frac{0.914}{0}$  M.)/REEL  
 20FT. (6.096M.) MIN. LENGTH

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				
		$\triangle =$	3 PLACES $\pm$ ---	$\pm$ ---	CPANSAKHOM	2006/07/18	FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED				
		2 PLACES $\pm$ ---	$\pm$ ---	CHECKED BY	DATE	MOLEX INCORPORATED					
		1 PLACE $\pm$ ---	$\pm$ ---	PMEECHA I	2006/07/18						
		ANGULAR $\pm$ ---		APPROVED BY	DATE						
				SVIRATJAPOL	2006/07/18						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	DOCUMENT NO.			SHEET NO.			
				SEE CHART	SD-7560-001			2 OF 3			
				SIZE $\triangle 4$	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

E

D

C

B

A

E

D

C

B

A

CHART A DIMENSIONS MM. (INCHES)				SHIPPED ON 100FT. REELS	
ENG. NO.	NO.OF COND.	DIMENSION S	DIM. W (REF)	ENGINEERING NO.	ORDER NO.
7560-02	2	2.54±0.127 (.100±.005)	5.08 (.200)	7560-02-100B	82-22-6102
7560-03	3	5.08±0.20 (.200±.008)	7.62 (.300)	7560-03-100B	82-22-6103
7560-04	4	7.62±0.30 (.300±.012)	10.16 (.400)	7560-04-100B	82-22-6104
7560-05	5	10.16±0.33 (.400±.013)	12.70 (.500)	7560-05-100B	82-22-6105
7560-06	6	12.70±0.33 (.500±.013)	15.24 (.600)	7560-06-100B	82-22-6106
7560-07	7	15.24±0.33 (.600±.013)	17.78 (.700)	7560-07-100B	82-22-6107
7560-08	8	17.78±0.33 (.700±.013)	20.32 (.800)	7560-08-100B	82-22-6108
7560-09	9	20.32±0.33 (.800±.013)	22.86 (.900)	7560-09-100B	82-22-6109
7560-10	10	22.86±0.33 (.900±.013)	25.40 (1.000)	7560-10-100B	82-22-6110
7560-11	11	25.40±0.33 (1.000±.013)	27.94 (1.100)	7560-11-100B	82-22-6111
7560-12	12	27.94±0.33 (1.100±.013)	30.48 (1.200)	7560-12-100B	82-22-6112
7560-13	13	30.48±0.33 (1.200±.013)	33.02 (1.300)	7560-13-100B	82-22-6113
7560-14	14	33.02±0.33 (1.300±.013)	35.56 (1.400)	7560-14-100B	82-22-6114
7560-15	15	35.56±0.33 (1.400±.013)	38.10 (1.500)	7560-15-100B	82-22-6115
7560-16	16	38.10±0.33 (1.500±.013)	40.64 (1.600)	7560-16-100B	82-22-6116
7560-17	17	40.64±0.33 (1.600±.013)	43.18 (1.700)	7560-17-100B	82-22-6117
7560-18	18	43.18±0.33 (1.700±.013)	45.72 (1.800)	7560-18-100B	82-22-6118
7560-19	19	45.72±0.33 (1.800±.013)	48.26 (1.900)	7560-19-100B	82-22-6119
7560-20	20	48.26±0.33 (1.900±.013)	50.80 (2.000)	7560-20-100B	82-22-6120

ENGINEERING NO.

7560-XX-XXXX

A B C D

A : CABLE 2.54mm. (.100") CENTERS 22 AWG STRANDED TINNED

B : CONDUCTOR SIZE ( AVAILABILITY 2 THROUGH 20 )

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

D : A= INCHES

B = FEET

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) <table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td colspan="3">ANGULAR ± ---°</td></tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	ANGULAR ± ---°			DIMENSION STYLE MM/IN DRAWN BY CPANSAKHOM DATE 2006/07/18 CHECKED BY PREECHAI DATE 2006/07/18 APPROVED BY SVIRATJAPOL DATE 2006/07/18	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 	TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED
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