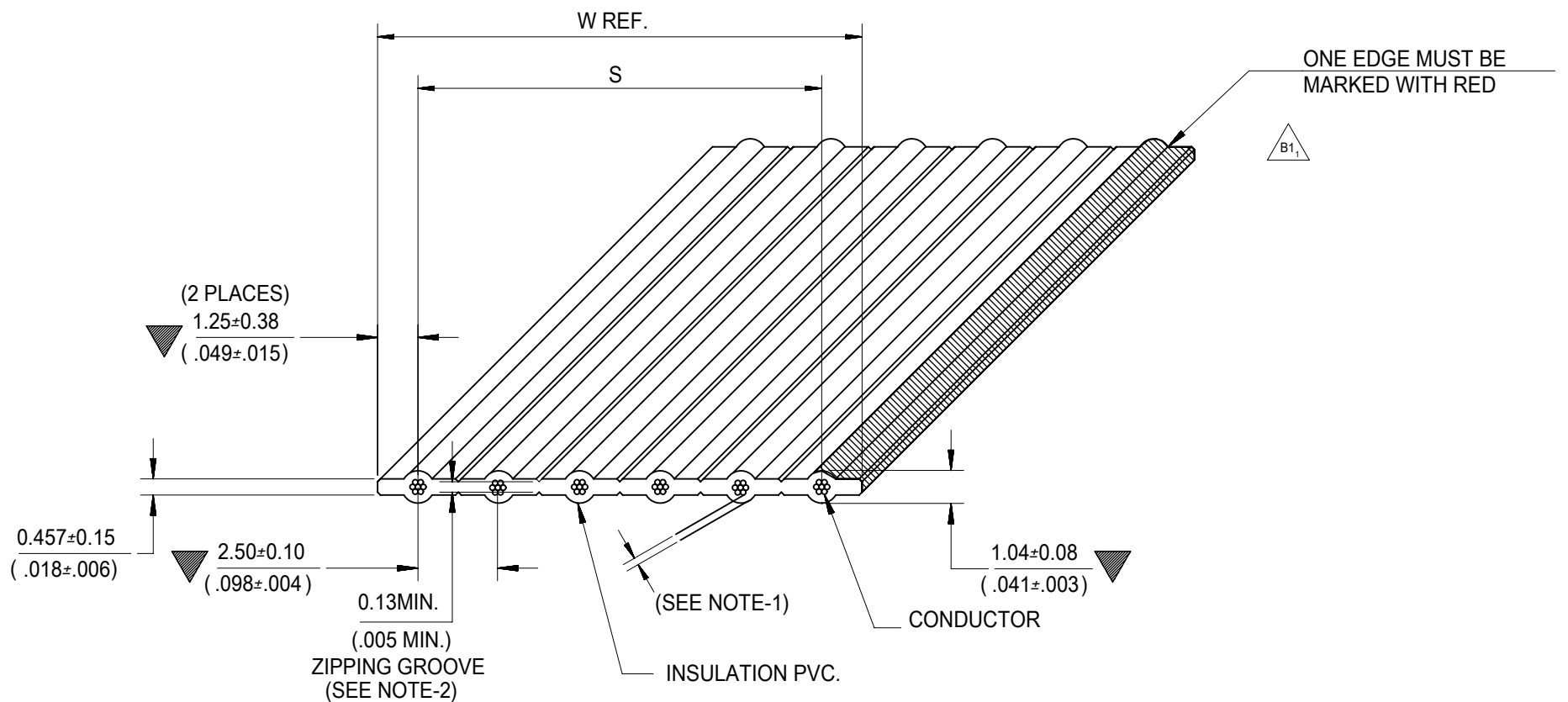


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C

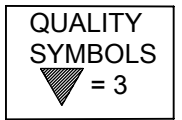
B

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- 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



C		C : MARK OBSOLETE FOR 82265507	2018/12/04
B1	E-10-0371	B1 : REMOVE REELS MFG. IN NOG.	2011/01/25
B	E-07-0748	B ₂ : ADD NON-OPERATING TEMP. B ₁ : ADD SOLDERING CONDITION	2007/10/02
A	N/A	NEW RELEASE	2006/07/13
REV. HISTORY	EC NO.	DETAIL	DATE

DOCUMENT STATUS	P1	RELEASE DATE	2018/12/20	03:52:26
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NO	
MM/IN	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)			
	MM	INCH	
4 PLACES	±	±	
3 PLACES	±	±	
2 PLACES	±	±	
1 PLACE	±	±	
0 PLACES	±	±	
ANGULAR TOL	±	°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		A4-SIZE	40160

EC NO: 608697	2018/12/04
DRWN: AKUMAR19	2018/12/20
CHK'D: GGA	2018/12/20
APPR: GGA	2018/12/20
INITIAL REVISION:	
DRWN: CPANSAKHOM	2006/07/13
APPR: SVIRATJAPOL	2006/07/13

DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION
SD-40160-001			PSD	001	C
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
SEE TABLE	GENERAL MARKET	1 OF 3			

molex

FCB ROUND CONDUCTOR
2.50MM(.098)CENTERS PVC. 26AWG STR
TOPCOATED

PRODUCT CUSTOMER DRAWING

CHART A

DIMENSIONS MM. (INCHES)

ENGINEERING NO.	ORDER NO.	NO. OF CONDUCTOR	DIMENSION S	DIM. W (REF.)
40160-02-100B	82-26-5502	2	2.50±0.10 (.098±.004)	5.00 (.197)
▲ -03- ▲	▲ 03	3	5.00±0.20 (.197±.008)	7.50 (.295)
-04-	04	4	7.50±0.30 (.295±.012)	10.00 (.394)
-05-	05	5	10.00±0.33 (.394±.013)	12.50 (.492)
-06-	06	6	12.50±0.33 (.492±.013)	15.00 (.591)
-07-	07	7	15.00±0.33 (.591±.013)	17.50 (.689)
-08-	08	8	17.50±0.33 (.689±.013)	20.00 (.787)
-09-	09	9	20.00±0.33 (.787±.013)	22.50 (.886)
-10-	10	10	22.50±0.33 (.886±.013)	25.00 (.984)
-11-	11	11	25.00±0.33 (.984±.013)	27.50 (1.083)
-12-	12	12	27.50±0.33 (1.083±.013)	30.00 (1.181)
-13-	13	13	30.00±0.33 (1.181±.013)	32.50 (1.280)
-14-	14	14	32.50±0.33 (1.280±.013)	35.00 (1.378)
-15-	15	15	35.00±0.33 (1.378±.013)	37.50 (1.476)
-16-	16	16	37.50±0.33 (1.476±.013)	40.00 (1.575)
-17-	17	17	40.00±0.33 (1.575±.013)	42.50 (1.673)
-18-	18	18	42.50±0.33 (1.673±.013)	45.00 (1.772)
-19-	19	19	45.00±0.33 (1.772±.013)	47.50 (1.870)
-20-	20	20	47.50±0.33 (1.870±.013)	50.00 (1.969)
-21-	21	21	50.00±0.33 (1.969±.013)	52.50 (2.067)
-22-	22	22	52.50±0.33 (2.067±.013)	55.00 (2.165)
▼ -23- ▼	▼ 23	23	55.00±0.33 (2.165±.013)	57.50 (2.264)
40160-24-100B	82-26-5524	24	57.50±0.33 (2.264±.013)	60.00 (2.362)

OBSOLETE

ENGINEERING NO.

40160-XX-XXXX

A B C D

A : CABLE 2.50mm. (.098") CENTERS 26AWG STRANDED TOPCOATED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 24)

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

D : A = INCHES

B = FEET

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NO				molex			
MM/IN		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 608697		FCB ROUND CONDUCTOR 2.50MM(.098)CENTERS PVC. 26AWG STR TOPCOATED					
		MM	INCH	DRWN: AKUMAR19 2018/12/04							
4 PLACES ±		±	±	CHK'D: GGA 2018/12/20		PRODUCT CUSTOMER DRAWING					
3 PLACES ±		±	±	APPR: GGA 2018/12/20							
2 PLACES ±		±	±	INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
1 PLACE ±		±	±	DRWN: CPANSAKHOM 2006/07/13		SD-40160-001		PSD	001	C	
0 PLACES ±		±	±	APPR: SVIRATJAPOL 2006/07/13							
ANGULAR TOL ± °				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
							A4-SIZE	40160	SEE TABLE	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/12/20	03:52:26
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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING2.50 (.098") C TO C
WIRE GAUGE26 AWG(7/34) STRANDED TOPCOATED
INSULATIONP.V.C GRAY (LEAD FREE)

AGENCY

U.L. STYLE NO.2651
TEMPERATURE RATING-20°C TO 105°C
VOLTAGE RATING300V.MAX.
FLAMMABILITY RATINGVW-1

ELECTRICAL

CONDUCTOR RESISTANCE (D.C.)43 m OHMS/FT. MAX.
CHARACTERISTIC IMPEDANCE143 OHMS NOM. (GS)
121 OHMS NOM. (GSG)
CAPACITANCE5.7 pF/FT. NOM. (GS)
10.4 pF/FT. NOM. (GSG)
PROPAGATION DELAY1.4 ns/FT. NOM.
INSULATION RESISTANCE10M OHMS (10FT. SAMPLE)
DIELECTRIC WITHSTAND VOLTAGE2000 VRMS/MINUTE

GENERAL

NON-OPERATING TEMPERATURE-20°C TO 105°C
FAULTS AND/OR SPLICES1/REEL MAX. 100+3/0 FT. (30.48+0.914 M.)/REEL
20FT. (6.096M.) MIN. LENGTH

SOLDERING CONDITION

SOLDER TEMPERATURE260°C. MAX.
SOLDERING TIME3 SECOND, MAX.
INSULATION SHRINK2MM. NOM

Table with columns for change details, quality symbols, general tolerances, dimension style, scale, design units, title, and document information.

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CHART A

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40160-24-100B	82-26-5524	24	57.50±0.33 (2.264±.013)	60.00 (2.362)

ENGINEERING NO.

$$\frac{40160-XX-XXXX}{A \quad B \quad C \quad D}$$

A : CABLE 2.50mm. (.098") CENTERS 26AWG STRANDED TOPCOATED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 24)

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

D : A = INCHES

B = FEET

SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN: CPANSAKHOM 2010/10/08 CHKD: PREECHAI 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31	QUALITY SYMBOLS ▼ = ▽ =	DESCRIPTION REV	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 CPANSAKHOM	DATE 2006/07/13	TITLE FCB ROUND CONDUCTOR 2.50MM(.098)CENTERS PVC. 26AWG STR TOPCOATED MOLEX INCORPORATED
			ANGULAR ± ---°				CHECKED BY PREECHAI	DATE 2006/07/13	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPROVED BY SVIRAT JAPOL	DATE 2006/07/13	
							MATERIAL NO.	DOCUMENT NO.	
				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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