

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0082226102](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch Round Conductor Flat Cable - 22 AWG (7 x 30) Stranded, Tinned, 2 Circuits, Reel 30.48m (100.0' ) Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR61126  
 UL E61522

**General**

Product Family Cable  
 Series [7560](#)  
 Crimp Quality Equipment Yes  
 Geographic Area Asia  
 Product Name Ribbon

**Physical**

Cable Length 30.48m (100.0' )  
 Circuits (Loaded) 2  
 Insulation PVC  
 Packaging Type Reel  
 Pitch - Term. Interface (in) 0.100 In  
 Pitch - Term. Interface (mm) 2.54 mm  
 Temperature Range - Operating -20°C to +105°C  
 Wire Size AWG 22  
 Wire/Cable Type (7x30) Stranded, Tinned

**Electrical**

Current - Maximum per Contact N/A  
 Voltage - Maximum 300V

**Material Info**

Old Part Number 7560-02-100B

**Reference - Drawing Numbers**

Sales Drawing SD-7560-001



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

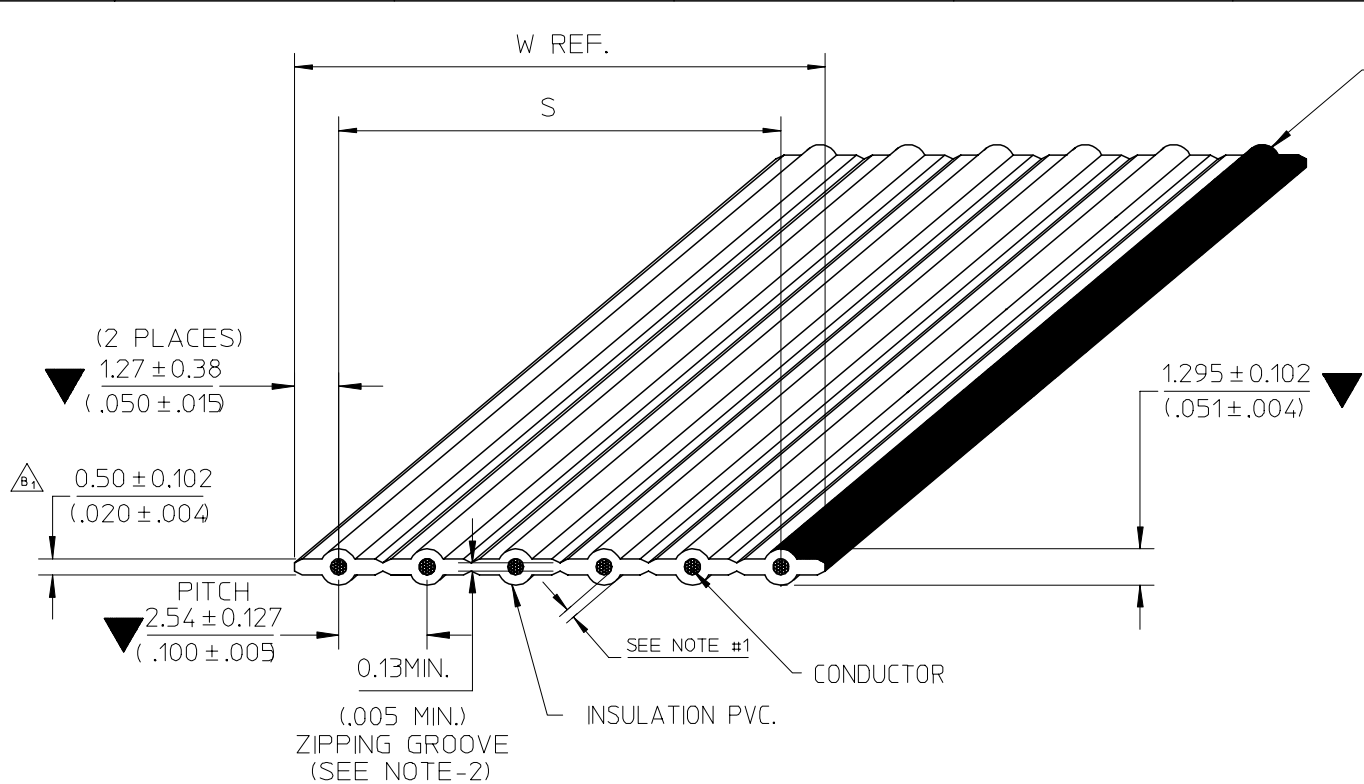
**Search Parts in this Series**

[7560Series](#)

**Use With**

[70400](#) C-Grid SL™ IDT Connector Assembly.  
[70475](#) SL™ IDT Connector Assembly.  
[7720](#) KK® IDT Double Cantilever Contact

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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

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		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		NTS	INCH	
DRAWN BY	DATE	TITLE		
CPANSAKHOM	2006/07/18	FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED		
CHECKED BY	DATE	MOLEX INCORPORATED		
PMEECHAI	2006/07/18			
APPROVED BY	DATE	DOCUMENT NO.		
SVIRATJAPOL	2006/07/18	SD-7560-001		
MATERIAL NO.		SHEET NO.		
SEE CHART		1 OF 3		

SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
A/4			

E

E

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 $^{+3}_0$  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 MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY	DATE	TITLE			
			4 PLACES ±---	±---	CPANSAKHOM	2006/07/18	FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED			
			3 PLACES ±---	±---	CHECKED BY	DATE	MOLEX INCORPORATED DOCUMENT NO. SD-7560-001 SHEET NO. 2 OF 3			
			2 PLACES ±---	±---	PMEECHA I	2006/07/18				
	1 PLACE ±---	±---	APPROVED BY	DATE	MATERIAL NO. SEE CHART DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SIZE $\triangle_{A4}$ THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	ANGULAR ±---°									

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)		DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
		= =	mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/18	TITLE FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED			
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY PMEECHA I	DATE 2006/07/18				
			2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	APPROVED BY SVIRATJAPOL	DATE 2006/07/18	MOLEX INCORPORATED			
			ANGULAR ± ---°		MATERIAL NO. SEE CHART					
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