

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

**Part Number:** [0082226112](#)  
**Status:** **Active**  
**Description:** 2.54mm (.100") Pitch Round Conductor Flat Cable - 22 AWG (7 x 30) Stranded, Tinned, 12 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) 12  
 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 7560-12-100B

**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](#)

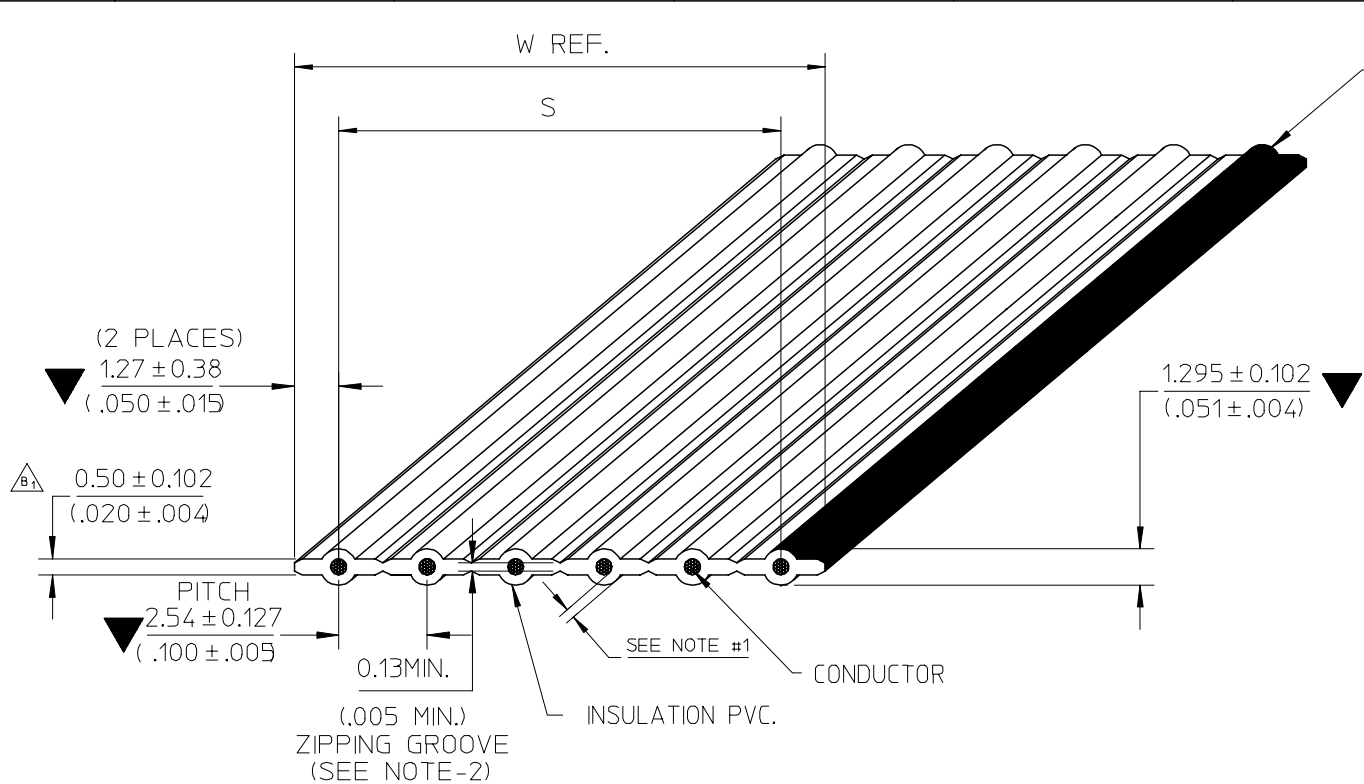
Please visit the [Contact Us](#) section for any non-product compliance questions.

**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



- 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
▼=3
▽=0
DESCRIPTION
REV

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

7 6 5 4 3 2 1

E

SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING ..... 2.54(.100") C TO 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

NON-OPERATING TEMPERATURE ..... -20°C TO 105°C
FAULTS AND/OR SPLICES ..... 1/REEL MAX. 100+3/0 FT. (30.48+0.914 M.)/REEL
20FT. (6.096M.) MIN. LENGTH

D

C

B

A

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

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	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		= =	mm	INCH	MM/IN	NTS	INCH	
			4 PLACES ± ---	± ---	DRAWN BY	DATE	TITLE	
		REV B	3 PLACES ± ---    ± --- 2 PLACES ± ---    ± --- 1 PLACE ± ---    ± --- ANGULAR ± ---°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY	DATE	FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 22AWG STRANDED TINNED
				APPROVED BY	DATE	MOLEX INCORPORATED		
				SVIRATJAPOL	2006/07/18	DOCUMENT NO.	SHEET NO.	
				MATERIAL NO.	SEE CHART	SD-7560-001	3 OF 3	
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			