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Part Number: 0082285806

Status: Active

Description: 2.54mm (.100") Pitch Round Conductor Flat Cable - 28 AWG (7 x 36) Stranded, Tinned, 6 Circuits, Reel 30.48m (100.0') Length

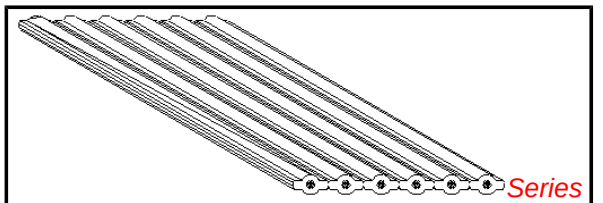


image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR61126
UL	E61522

General

Product Family	Cable
Series	7307
Crimp Quality Equipment	Yes
Geographic Area	Asia
Product Name	Ribbon

Physical

Cable Length	30.48m (100.0')
Circuits (Loaded)	6
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	28
Wire/Cable Type	(7x36) Stranded, Tinned

Electrical

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

Material Info

Old Part Number	7307-06-100B

Reference - Drawing Numbers

Sales Drawing	SD-7307-001

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
For a multiple part number RoHS Certificate of Compliance, click here

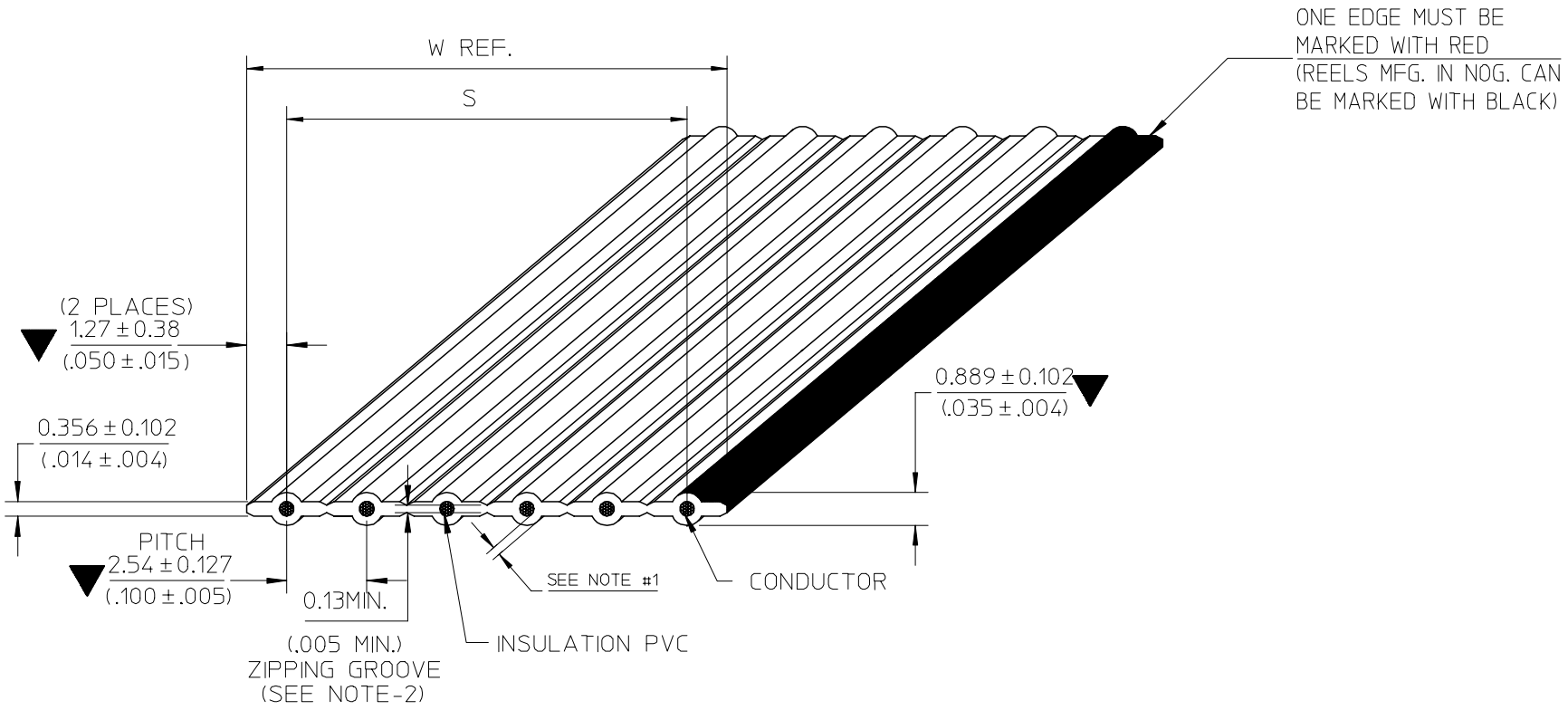
Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
7307Series

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

REV. HISTORY	EC NO.	DETAIL	DATE
B	E-07-0748	B_1 : ADD NON-OPERATING TEMP.	07/11/23
A	N/A	NEW RELEASE.	06/07/18

SEE CHANGE DETAIL.
EC NO: THL2008-0015 2007/11/28
DRWN:CPANSAKHOM 2007/11/29
CH'KD:DNARINTARA 2007/12/04
APPR:SVIRATJAPOL 2007/12/04
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=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
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: CPANSAKHOM DATE: 2006/07/18
CHECKED BY: PMEECHAI DATE: 2006/07/18
APPROVED BY: SVIRATJAPOL DATE: 2006/07/18

TITLE: FCB ROUND CONDUCTOR 2.54MM(.100)CENTER PVC. 28AWG STRANDED TINNED

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-7307-001
SHEET NO.: 1 OF 3

SIZE A4

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") ℄ TO ℄
WIRE GAUGE	28 AWG(7/36) 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.)	68 m OHMS/FT. MAX.
CHARACTERISTIC IMPEDANCE	150 OHMS NOM. (GS) 128 OHMS NOM. (GSG)
CAPACITANCE	5.0 pF/FT. NOM. (GS) 9.12 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

B1 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

SEE CHANGE DETAIL.
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DESCRIPTION
B
REV

QUALITY SYMBOLS
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Ⓒ =

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-7307-001
SHEET NO.: 2 OF 3
SIZE: A4

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CHART A DIMENSIONS MM. (INCHES)					SHIPPED ON 100 FT. REELS	
ENG. NO.	NO.OF COND.	DIMENSION S		DIM. W (REF)	ENGINEERING NO.	ORDER NO.
7307-02	2	2.54±0.127	(.100±.005)	5.08 (.200)	7307-02-100B	82-28-5802
7307-03	3	5.08±0.20	(.200±.008)	7.62 (.300)	-03-	03
7307-04	4	7.62±0.30	(.300±.012)	10.16 (.400)	-04-	04
7307-05	5	10.16±0.33	(.400±.013)	12.70 (.500)	-05-	05
7307-06	6	12.70±0.33	(.500±.013)	15.24 (.600)	-06-	06
7307-07	7	15.24±0.33	(.600±.013)	17.78 (.700)	-07-	07
7307-08	8	17.78±0.33	(.700±.013)	20.32 (.800)	-08-	08
7307-09	9	20.32±0.33	(.800±.013)	22.86 (.900)	-09-	09
7307-10	10	22.86±0.33	(.900±.013)	25.40 (1.000)	-10-	10
7307-11	11	25.40±0.33	(1.000±.013)	27.94 (1.100)	-11-	11
7307-12	12	27.94±0.33	(1.100±.013)	30.48 (1.200)	-12-	12
7307-13	13	30.48±0.33	(1.200±.013)	33.02 (1.300)	-13-	13
7307-14	14	33.02±0.33	(1.300±.013)	35.56 (1.400)	-14-	14
7307-15	15	35.56±0.33	(1.400±.013)	38.10 (1.500)	-15-	15
7307-16	16	38.10±0.33	(1.500±.013)	40.64 (1.600)	-16-	16
7307-17	17	40.64±0.33	(1.600±.013)	43.18 (1.700)	-17-	17
7307-18	18	43.18±0.33	(1.700±.013)	45.72 (1.800)	-18-	18
7307-19	19	45.72±0.33	(1.800±.013)	48.26 (1.900)	-19-	19
7307-20	20	48.26±0.33	(1.900±.013)	50.80 (2.000)	-20-	20

ENGINEERING NO.

$$\frac{7307}{A}-\frac{XX}{B}-\frac{XXXX}{C\ D}$$

A : CABLE 2.54mm. (.100") CENTERS 28 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 CH'KD:DNARINTARA 2007/11/29 APPR:SVIRATJAPOL 2007/12/04	DESCRIPTION
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APPROVED BY: SVIRATJAPOL	DATE: 2006/07/18	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-7307-001	SHEET NO.: 3 OF 3
SIZE: A4			

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