

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

**Part Number:** [0082244428](#)  
**Status:** **Active**  
**Description:** 2.00mm (.079") Pitch Round Conductor Flat Cable - 24 AWG (7 x 32) Stranded, Topcoat, 28 Circuits, Reel 30.48m (100.0' ) Length

**Documents:**

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

**General**

Product Family	Cable
Series	<a href="#">24472</a>
Crimp Quality Equipment	Yes
Geographic Area	Asia
Product Name	Ribbon

**Physical**

Cable Length	30.48m (100.0' )
Circuits (Loaded)	28
Insulation	PVC
Packaging Type	Reel
Pitch - Term. Interface (in)	0.079 In
Pitch - Term. Interface (mm)	2.00 mm
Temperature Range - Operating	-20°C to +105°C
Wire Size AWG	24
Wire/Cable Type	(7x32) Stranded, Topcoat

**Electrical**

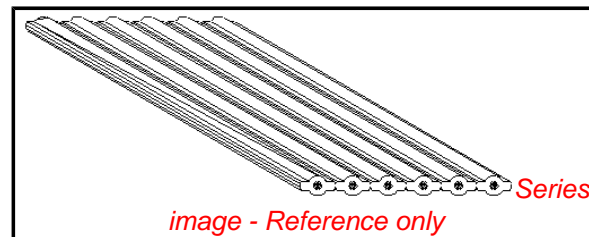
CSA	LR61126
Current - Maximum per Contact	N/A
UL	E61522
Voltage - Maximum	300V

**Material Info**

Old Part Number	24472-28-100B
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**Reference - Drawing Numbers**

Sales Drawing	SD-24472-001
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**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](#)

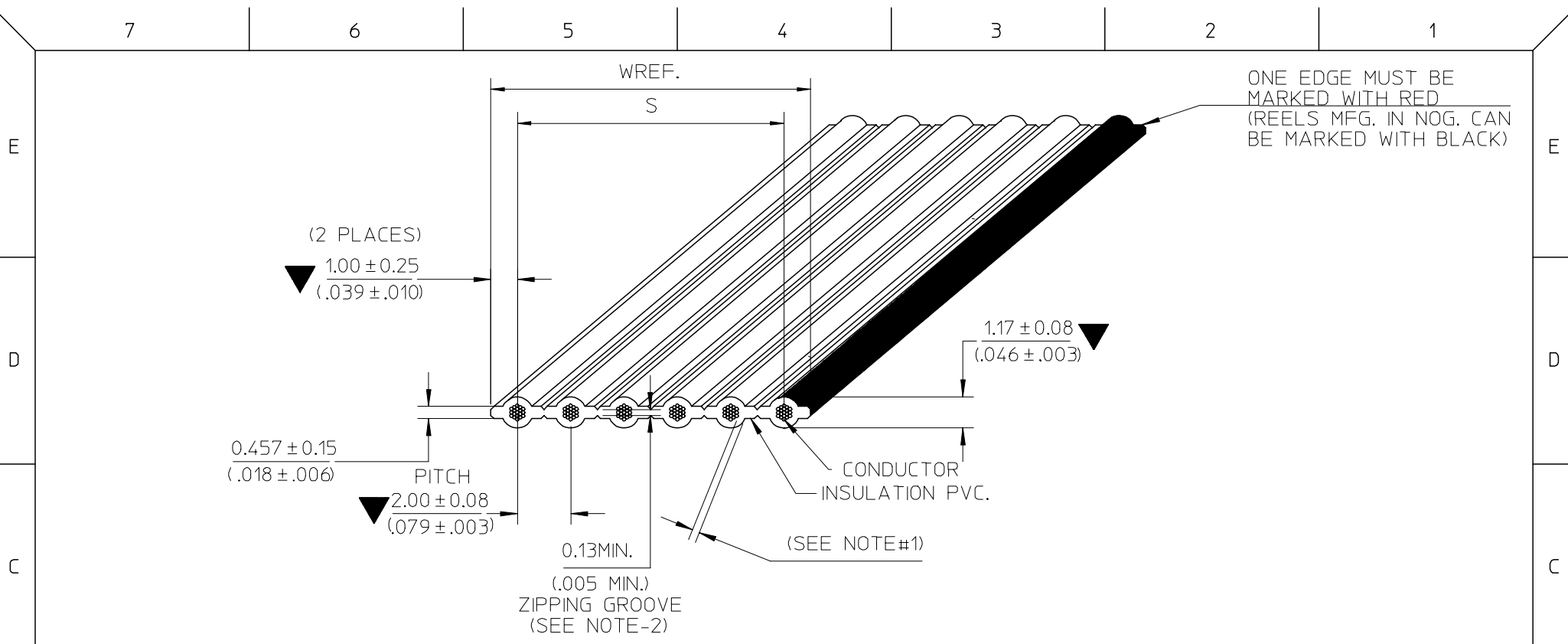
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[24472Series](#)

**Use With**

[52484](#) Wire-to-Board, IDT Receptacle Housing



- 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>3</sub> : ADD SOLDERING CONDITION	07/10/01
A	N/A	NEW RELEASE	06/08/09
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	2006/08/09
CHECKED BY	DATE
PMEECHAI	2006/08/09
APPROVED BY	DATE
SVIRATJAPOL	2006/08/09
MATERIAL NO.	
SEE CHART	
SIZE	
A/4	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	INCH	
TITLE		
FCB ROUND CONDUCTOR 2.00MM(.079)CENTERS PVC. 24AWG STRANDED TOPCOATED		
MOLEX INCORPORATED		
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-24472-001	1 OF 3
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)				
DIM. W (REF.)	DIMENSION S	NO. OF CONDUCTOR	ORDER NO.	ENGINEERING NO.
4.00 (.157)	2.00±0.08 (.079±.003)	2	82-24-4402	24472-02-100B
6.00 (.236)	4.00±0.15 (.157±.006)	3	03	-03-
8.00 (.315)	6.00±0.23 (.236±.009)	4	04	-04-
10.00 (.394)	8.00±0.28 (.315±.011)	5	05	-05-
12.00 (.472)	10.00±0.28 (.394±.011)	6	06	-06-
14.00 (.551)	12.00±0.28 (.472±.011)	7	07	-07-
16.00 (.630)	14.00±0.28 (.551±.011)	8	08	-08-
18.00 (.709)	16.00±0.28 (.630±.011)	9	09	-09-
20.00 (.787)	18.00±0.28 (.709±.011)	10	10	-10-
22.00 (.866)	20.00±0.28 (.787±.011)	11	11	-11-
24.00 (.945)	22.00±0.28 (.866±.011)	12	12	-12-
26.00 (1.024)	24.00±0.28 (.945±.011)	13	13	-13-
28.00 (1.102)	26.00±0.28 (1.024±.011)	14	14	-14-
30.00 (1.181)	28.00±0.28 (1.102±.011)	15	15	-15-
32.00 (1.260)	30.00±0.28 (1.181±.011)	16	16	-16-
34.00 (1.339)	32.00±0.28 (1.260±.011)	17	17	-17-
36.00 (1.417)	34.00±0.28 (1.339±.011)	18	18	-18-
38.00 (1.496)	36.00±0.28 (1.417±.011)	19	19	-19-
40.00 (1.575)	38.00±0.28 (1.496±.011)	20	20	-20-
42.00 (1.654)	40.00±0.28 (1.575±.011)	21	21	-21-
44.00 (1.732)	42.00±0.28 (1.654±.011)	22	22	-22-
46.00 (1.811)	44.00±0.28 (1.732±.011)	23	23	-23-
48.00 (1.890)	46.00±0.28 (1.811±.011)	24	24	-24-
50.00 (1.969)	48.00±0.28 (1.890±.011)	25	25	-25-
52.00 (2.047)	50.00±0.28 (1.969±.011)	26	26	-26-
54.00 (2.126)	52.00±0.28 (2.047±.011)	27	27	-27-
56.00 (2.205)	54.00±0.28 (2.126±.011)	28	82-24-4428	24472-28-100B

ENGINEERING NO.

24472-XX-XXXX  
 A B C D

- A : CABLE 2.00mm. (.079") CENTERS 24AWG STRANDED TOPCOATED
- B : CONDUCTOR SIZE ( AVAILABILITY 2 THROUGH 28 )
- C : CABLE LENGTH ( 100FT. )
- 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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM/IN	NTS	INCH		
				mm INCH	DRAWN BY	DATE	TITLE	
				4 PLACES ± --- ± ---	CPANSAKHOM	2006/08/09	FCB ROUND CONDUCTOR 2.00MM(.079)CENTERS PVC. 24AWG STRANDED TOPCOATED	
				3 PLACES ± --- ± ---	CHECKED BY	DATE	MOLEX INCORPORATED	
		2 PLACES ± --- ± ---	PMEECHA I	2006/08/09	DOCUMENT NO. SD-24472-001			
		1 PLACE ± --- ± ---	APPROVED BY	DATE	SHEET NO. 3 OF 3			
		ANGULAR ± ---°	SVIRATJAPOL	2006/08/09				
			MATERIAL NO.	SEE CHART				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				