

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

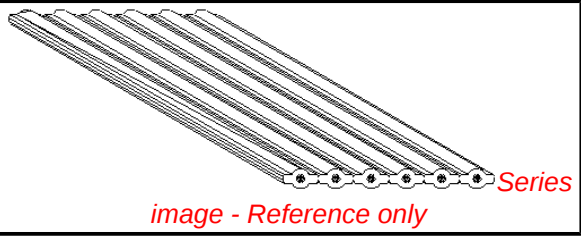
0082264408

Status:

Active

Description:

2.00mm (.079") Pitch Round Conductor Flat Cable - 26 AWG (7 x 34) Stranded, Topcoat, 8 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	24462
Crimp Quality Equipment	Yes
Geographic Area	Asia
Product Name	Ribbon
Physical	
Cable Length	30.48m (100.0')
Circuits (Loaded)	8
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	26
Wire/Cable Type	(7x34) Stranded, Topcoat
Electrical	
Current - Maximum per Contact	N/A
Voltage - Maximum	300V
Material Info	
Old Part Number	24462-08-100B
Reference - Drawing Numbers	
Sales Drawing	SD-24462-001

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.

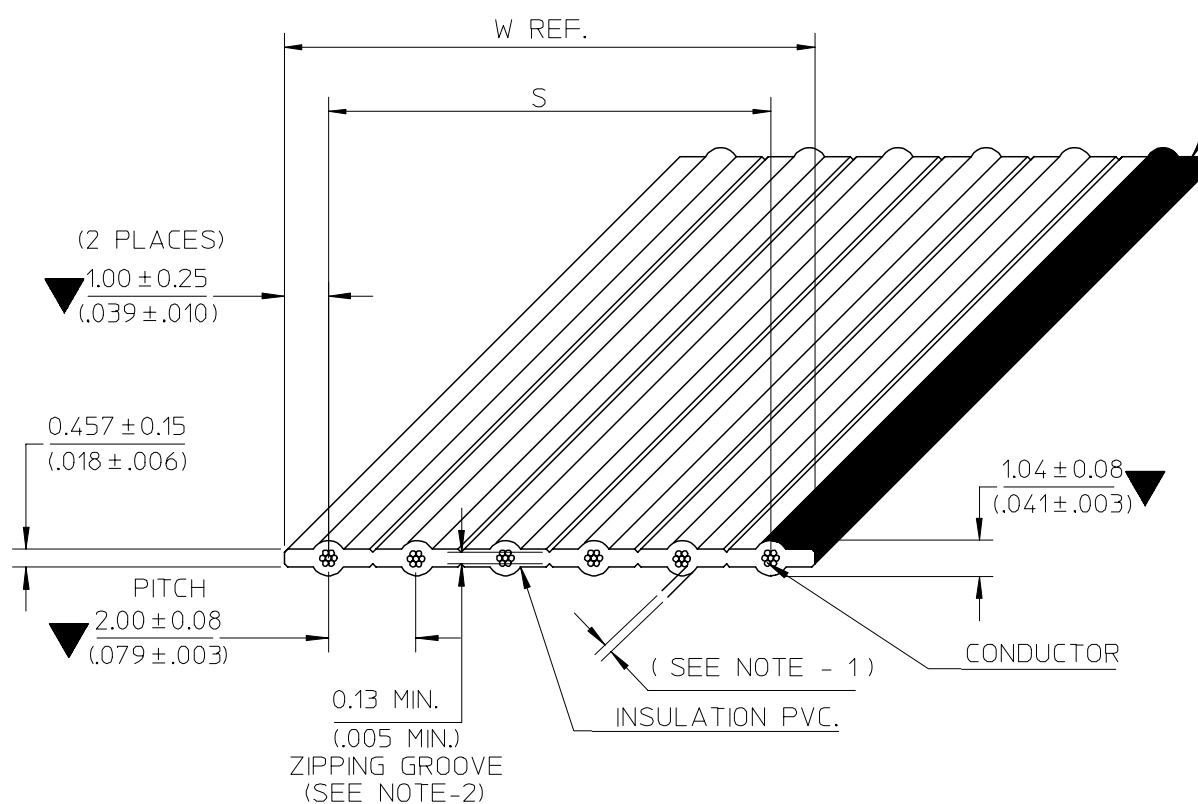
Search Parts in this Series

24462Series

Use With

52484 Wire-to-Board, IDT Receptacle Housing

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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 ₂ : ADD NON-OPERATING TEMP. B ₁ : ADD SOLDERING CONDITION	07/10/01
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
$\nabla=3$	
$\nabla=0$	
REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES $\pm$ ---	$\pm$ ---
3 PLACES $\pm$ ---	$\pm$ ---
2 PLACES $\pm$ ---	$\pm$ ---
1 PLACE $\pm$ ---	$\pm$ ---
ANGULAR $\pm$ ---°	
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	
A4	

SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE		
FCB ROUND CONDUCTOR 2.00MM(.079)CENTER PVC. 26AWG STRANDED TOPCOATED		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-24462-001		SHEET NO. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING _ _ _ _ _ 2.00(0.79") ϕ TO ϕ
 WIRE GAUGE _ _ _ _ _ 26 AWG(7/34) STRANDED TOPCOATED
 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.) _ _ _ _ _ 35m OHMS/FT. MAX.
 CHARACTERISTIC IMPEDANCE _ _ _ _ _ 166 OHMS NOM. (GS)
 124 OHMS NOM. (GSG)
 CAPACITANCE _ _ _ _ _ 7.1 pF/FT. NOM. (GS)
 11.0 pF/FT. NOM. (GSG)
 PROPAGATION DELAY _ _ _ _ _ 1.3 ns/FT. NOM.
 INSULATION RESISTANCE _ _ _ _ _ 10M OHMS (10FT. SAMPLE)
 DIELECTRIC WITHSTAND VOLTAGE _ _ _ _ _ 2000 VRMS/MINUTE

GENERAL

$\triangle B_1$ NON-OPERATING TEMPERATURE _ _ _ _ _ -20°C TO 105°C
 FAULTS AND/OR SPLICES _ _ _ _ _ 1/REEL MAX. 100 ± 9 FT. (30.48 ± 0.914 M.)/REEL
 20FT. (6.096M.) MIN. LENGTH

$\triangle B_1$ SOLDERING CONDITION

SOLDER TEMPERATURE _ _ _ _ _ -260°C. MAX.
 SOLDERING TIME _ _ _ _ _ 3 SECOND, MAX.
 INSULATION SHRINK _ _ _ _ _ 2MM. NOM

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	QUALITY SYMBOLS  =  =	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY CPANSAKHOM	DATE 2006/07/18	TITLE FCB ROUND CONDUCTOR 2.00MM(.079)CENTER PVC. 26AWG STRANDED TOPCOATED  MOLEX INCORPORATED						
			4 PLACES	± ---	± ---	CHECKED BY PMEECHAI	DATE 2006/07/18							
			3 PLACES	± ---	± ---	APPROVED BY	DATE							
			2 PLACES	± ---	± ---	SVIRATJAPOL	2006/07/18							
			1 PLACE	± ---	± ---	ANGULAR ± ---°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART			SD-24462-001			2 OF 3		
						SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

FCB ROUND CONDUCTOR
 2.00MM(0.79)CENTER PVC.
 26AWG STRANDED TOPCOATED

 MOLEX INCORPORATED

SD-24462-001

SHEET NO.
2 OF 3

7 6 5 4 3 2 1

E

D

C

B

A

E

D

C

B

A

ENGINEERING NO.
24462-XX-XXXX
A B C D

A : CABLE 2.00mm. (.079") CENTERS 26 AWG STRANDED TOPCOATED
B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 28)
C : CABLE LENGTH 100FT. (30.48M.)
D : A = INCHES
B = FEET

CHART "A"						SHIPPED ON 100FT. REELS	
DIMENSION MM (INCHES)						ENGINEERING NO.	ORDER NO.
ENG. NO	NO OF COND.	DIMENSION S		DIM "W" REF.			
24462-02	2	2.00±.080	(.079±.003)	4.00 (.157)		24462-02-100B	82-26-4402
24462-03	3	4.00±.230	(.157±.009)	6.00 (.236)		↑ -03- ↑	↑ 03
24462-04	4	6.00±.230	(.236±.009)	8.00 (.315)		↑ -04- ↑	↑ 04
24462-05	5	8.00±.280	(.315±.011)	10.00 (.394)		↑ -05- ↑	↑ 05
24462-06	6	10.00±.280	(.394±.011)	12.00 (.472)		↑ -06- ↑	↑ 06
24462-07	7	12.00±.280	(.472±.011)	14.00 (.551)		↑ -07- ↑	↑ 07
24462-08	8	14.00±.280	(.551±.011)	16.00 (.630)		↑ -08- ↑	↑ 08
24462-09	9	16.00±.280	(.630±.011)	18.00 (.709)		↑ -09- ↑	↑ 09
24462-10	10	18.00±.280	(.709±.011)	20.00 (.787)		↑ -10- ↑	↑ 10
24462-11	11	20.00±.280	(.787±.011)	22.00 (.866)		↑ -11- ↑	↑ 11
24462-12	12	22.00±.280	(.866±.011)	24.00 (.945)		↑ -12- ↑	↑ 12
24462-13	13	24.00±.280	(.945±.011)	26.00 (1.024)		↑ -13- ↑	↑ 13
24462-14	14	26.00±.280	(1.024±.011)	28.00 (1.102)		↑ -14- ↑	↑ 14
24462-15	15	28.00±.280	(1.102±.011)	30.00 (1.181)		↑ -15- ↑	↑ 15
24462-16	16	30.00±.280	(1.181±.011)	32.00 (1.260)		↑ -16- ↑	↑ 16
24462-17	17	32.00±.280	(1.260±.011)	34.00 (1.339)		↑ -17- ↑	↑ 17
24462-18	18	34.00±.280	(1.339±.011)	36.00 (1.417)		↑ -18- ↑	↑ 18
24462-19	19	36.00±.280	(1.417±.011)	38.00 (1.496)		↑ -19- ↑	↑ 19
24462-20	20	38.00±.280	(1.496±.011)	40.00 (1.575)		↑ -20- ↑	↑ 20
24462-21	21	40.00±.280	(1.575±.011)	42.00 (1.654)		↑ -21- ↑	↑ 21
24462-22	22	42.00±.280	(1.654±.011)	44.00 (1.732)		↑ -22- ↑	↑ 22
24462-23	23	44.00±.280	(1.732±.011)	46.00 (1.811)		↑ -23- ↑	↑ 23
24462-24	24	46.00±.280	(1.811±.011)	48.00 (1.890)		↑ -24- ↑	↑ 24
24462-25	25	48.00±.280	(1.890±.011)	50.00 (1.969)		↑ -25- ↑	↑ 25
24462-26	26	50.00±.280	(1.969±.011)	52.00 (2.047)		↑ -26- ↑	↑ 26
24462-27	27	52.00±.280	(2.047±.011)	54.00 (2.126)		↑ -27- ↑	↑ 27
24462-28	28	54.00±.280	(2.126±.011)	56.00 (2.205)		24462-28-100B	82-26-4428

SEE CHANGE DETAIL EC NO: THL2008-0015 DRWN:CPANSAKHOM 2007/11/28 CHKD:DNARINTARA 2007/11/29 APPR:SVIRAT JAPOL 2007/12/04	DESCRIPTION REV	QUALITY SYMBOLS ▽ = ⋄ =	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 			
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			2 PLACES	± ---	± ---								
			1 PLACE	± ---	± ---	MATERIAL NO. SEE CHART							
			ANGULAR ± ---°										
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DOCUMENT NO. SD-24462-001		SHEET NO. 3 OF 3					
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