

## Excellent Integrated System Limited

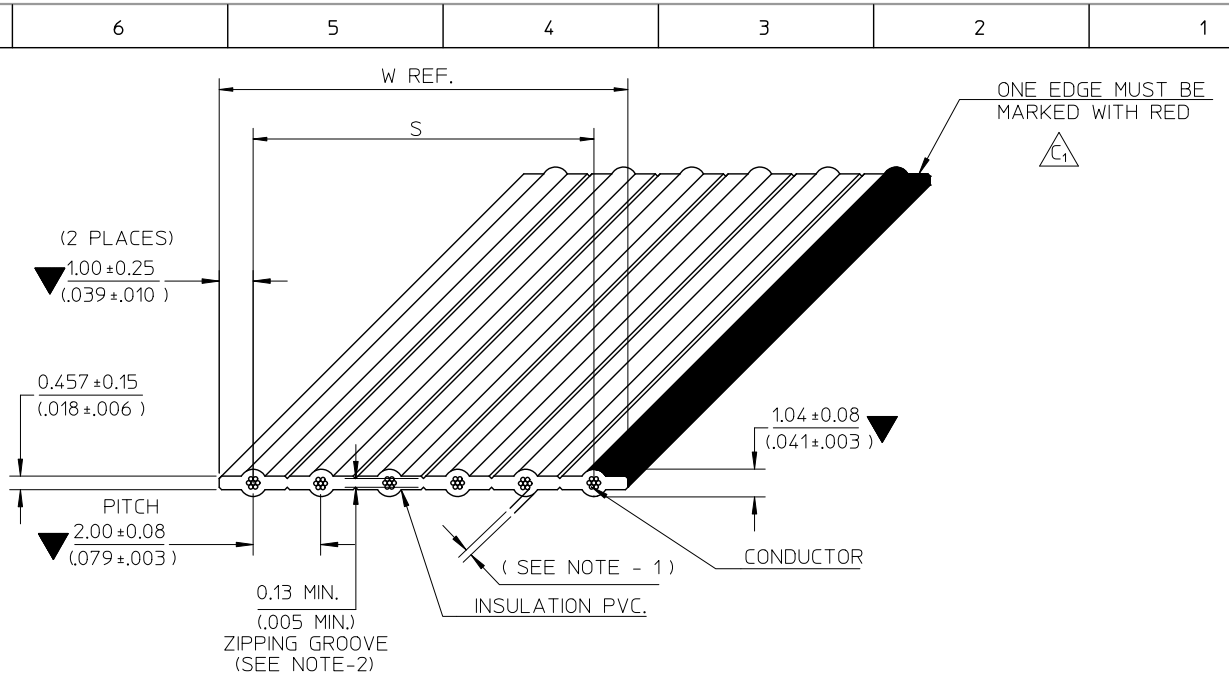
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0082264407](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



- 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

PRODUCT APPLICATION	
<input checked="" type="checkbox"/>	GENERAL USE
<input type="checkbox"/>	AUTOMOTIVE
<input type="checkbox"/>	MEDICAL DEVICE

SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN: CPANSAKHOM 2010/11/10 CHKD: DNARINTARA 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31	QUALITY SYMBOLS ▽=3 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± --- °	DRAWN BY CPANSAKHOM DATE 2006/07/18	CHECKED BY PMEECHAI DATE 2006/07/18	APPROVED BY SVIRAT JAPOL DATE 2006/07/18	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-24462-001	TITLE FCB ROUND CONDUCTOR 2.00MM(.079) CENTER PVC, 26AWG STRANDED TOPCOATED MOLEX INCORPORATED
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING \_\_\_\_\_ 2.00(0.079")  $\phi$  TO  $\phi$

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.) \_\_\_\_\_ 43 m OHMS/FT. MAX.

CHARACTERISTIC IMPEDANCE \_\_\_\_\_ 133 OHMS NOM. (GS)  
111 OHMS NOM. (GSG)

CAPACITANCE \_\_\_\_\_ 7.3 pF/FT. NOM. (GS)  
13.4 pF/FT. NOM. (GSG)

PROPAGATION DELAY \_\_\_\_\_ 1.4 ns/FT. NOM.

INSULATION RESISTANCE \_\_\_\_\_ 10M 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<sup>+3</sup><sub>0</sub> FT. (30.48<sup>+0.914</sup><sub>0</sub> M.)/REEL  
20FT. (6.096M.) MIN. LENGTH

SOLDERING CONDITION

SOLDER TEMPERATURE \_\_\_\_\_ 260°C. MAX.

SOLDERING TIME \_\_\_\_\_ 3 SECOND. MAX.

INSULATION SHRINK \_\_\_\_\_ 2MM. NOM

SEE CHANGE DETAIL EC NO: THL2011-0054 DRWN:CPANSAKHOM 2010/11/10 CHKD:DMARINTARA 2011/01/25 APPR:SVIRAT JAPOL 2011/03/31	DESCRIPTION REV	QUALITY SYMBOLS = =	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SIZE A4		SD-24462-001		2 OF 3		2 OF 3			

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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-	4409
24462-09	9	16.00±.280 (.630±.011)	18.00 (.709)	-09-	8409
24462-10	10	18.00±.280 (.709±.011)	20.00 (.787)	-10-	4410
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

OBSOLETE REPLACE

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

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			mm	INCH	MM/IN		NTS		METRIC
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE		
		3 PLACES	± ---	± ---	CPANSAKHOM	2006/07/18	FCB ROUND CONDUCTOR 2.00MM(.079)CENTER PVC. 26AWG STRANDED TOPCOATED		
		2 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
1 PLACE	± ---	± ---	PMEECHAI	2006/07/18					
		ANGULAR ± --- °	APPROVED BY	DATE					
			SVIRAT JAPOL	2006/07/18					
			MATERIAL NO.	DOCUMENT NO.					
			SEE CHART	SD-24462-001					
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SHEET NO.		
			A 4				3 OF 3		

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