

Excellent Integrated System Limited

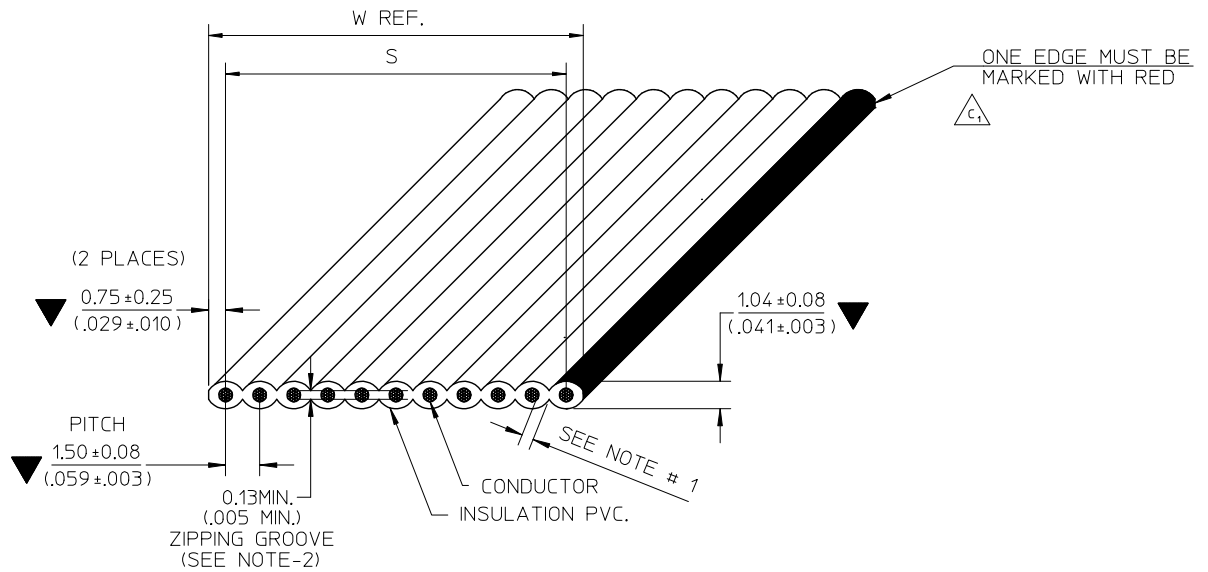
Stocking Distributor

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

[Molex Connector Corporation](#)
[0082263802](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



- NOTE :**
1. THE CABLE SHALL HAVE A MINIMUM OF 0.178mm. (0.007") THICKNESS INSULATION AT ANY POINT
 2. RIP TEST:
 - THE 0.13mm. (0.005") 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	
☒	GENERAL USE
☐	AUTOMOTIVE
☐	MEDICAL DEVICE

C	E-10-0371	C ₂ : ADD ELECTRICAL SPEC. C ₁ : REMOVE REELS MFG. IN NOG.	2011/01/25
B	E-07-0748	B ₂ : ADD NON-OPERATING TEMP. B ₁ : ADD SOLDERING CONDITION	2007/10/01
A	N/A	NEW RELEASE	2006/08/09
REV.	EC NO.	DETAIL	DATE

SEE CHANGE DETAIL
EC NO: THL2011-0054
DRWN: CPANSKHOM 2010/11/15
CHKD: PMEECHAI 2011/01/25
APPR: SVIRAT JAPOL 2011/03/31
DESCRIPTION
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	
DRAWN BY	DATE
CPANSKHOM	2006/08/09
CHECKED BY	DATE
PMEECHAI	2006/08/09
APPROVED BY	DATE
SVIRAT JAPOL	2006/08/09
MATERIAL NO.	
SEE CHART	
SIZE	
A4	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
NTS	INCH		
TITLE			
FCB ROUND CONDUCTOR 1.50MM(.059)CENTERS PVC. 26AWG STRANDED TOPCOATED			
MOLEX INCORPORATED			
DOCUMENT NO.			SHEET NO.
SD-24483-001			1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX, INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

tb_frame_A4_P_ME_T
Rev. E 2006/04/15

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SPECIFICATIONS

PHYSICAL

CONDUCTOR SPACING _ _ _ _ _ 1.50 (.059") 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.) _ _ _ $\triangle$ 43.0 m OHMS/FT. MAX.
CHARACTERISTIC IMPEDANCE _ _ _ _ _ 121 OHMS NOM. (GSG)
_ _ _ _ _ 99 OHMS NOM. (GSG)
CAPACITANCE _ _ _ _ _ 9.0 pF/FT. NOM. (GSG)
_ _ _ _ _ 16.5 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 $\pm$ $\frac{3}{0}$ FT. (30.48 $\pm$ $\frac{0.914}{0}$ 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 DRAWN: CPANSAKHOM 2010/11/15 CHKD: PMEECHAI 2011/01/25 APPR: SVIRAT JAPOL 2011/03/31	QUALITY SYMBOLS ▼ = ▽ =	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY	DATE	TITLE FCB ROUND CONDUCTOR 1.50MM(.059)CENTERS PVC. 26AWG STRANDED TOPCOATED				
		4 PLACES	± ---	± ---	CPANSAKHOM	2006/08/09					
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
		2 PLACES	± ---	± ---	PMEECHAI	2006/08/09					
		1 PLACE	± ---	± ---	APPROVED BY	DATE	DOCUMENT NO. SD-24483-001				
		ANGULAR ± ---°			SVIRAT JAPOL	2006/08/09					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		SHEET NO.				
					SEE CHART		2 OF 3				
					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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.
24483-02	2	1.50±0.18 (.059±.007)	3.00 (.118)	24483-02-100B	82-26-3802
24483-03	3	3.00±0.18 (.118±.007)	4.50 (.177)	▲ -03- ▲	▲ 03
24483-04	4	4.50±0.18 (.177±.007)	6.00 (.236)	▲ -04- ▲	▲ 04
24483-05	5	6.00±0.18 (.236±.007)	7.50 (.295)	▲ -05- ▲	▲ 05
24483-06	6	7.50±0.18 (.295±.007)	9.00 (.354)	▲ -06- ▲	▲ 06
24483-07	7	9.00±0.18 (.354±.007)	10.50 (.413)	▲ -07- ▲	▲ 07
24483-08	8	10.50±0.18 (.413±.007)	12.00 (.472)	▲ -08- ▲	▲ 08
24483-09	9	12.00±0.18 (.472±.007)	13.50 (.531)	▲ -09- ▲	▲ 09
24483-10	10	13.50±0.18 (.531±.007)	15.00 (.591)	▲ -10- ▲	▲ 10
24483-11	11	15.00±0.18 (.591±.007)	16.50 (.650)	▲ -11- ▲	▲ 11
24483-12	12	16.50±0.18 (.650±.007)	18.00 (.709)	▲ -12- ▲	▲ 12
24483-13	13	18.00±0.18 (.709±.007)	19.50 (.767)	▲ -13- ▲	▲ 13
24483-14	14	19.50±0.18 (.768±.007)	21.00 (.827)	▲ -14- ▲	▲ 14
24483-15	15	21.00±0.18 (.827±.007)	22.50 (.886)	▲ -15- ▲	▲ 15

ENGINEERING NO.

24483-XX-XXXX
A B C D

A : CABLE 1.50mm. (.059") CENTERS 26AWG STRANDED TOPCOATED

B : CONDUCTOR SIZE (AVAILABILITY 2 THROUGH 15)

C : CABLE LENGTH 100FT. (30.48M.)

D : A = INCHES

B = FEET

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ANGULAR ± ---°		SVIRATJAPOL	2006/08/09	SD-24483-001						
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