

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

**Part Number:** [0250010606](#)  
**Status:** **Active**  
**Overview:** [ribbon\\_cable\\_jumpers](#)  
**Description:** 2.54mm (.100") Pitch Board-to-Board Ribbon Cable Jumper - 26 AWG, Stranded Topcoat, 6 Circuits, Strip and Retain, 0.152m (6.00") Length

**Documents:**

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

**General**

Product Family	Cable
Series	<a href="#">25001</a>
Crimp Quality Equipment	Yes
Geographic Area	Asia
Overview	<a href="#">ribbon_cable_jumpers</a>
Product Name	Ribbon

**Physical**

Cable Length	0.152m (6.00")
Circuits (Loaded)	6
Circuits (maximum)	6
Insulation	PVC
Packaging Type	Bag
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	26
Wire/Cable Type	(7x34) Stranded, Topcoat

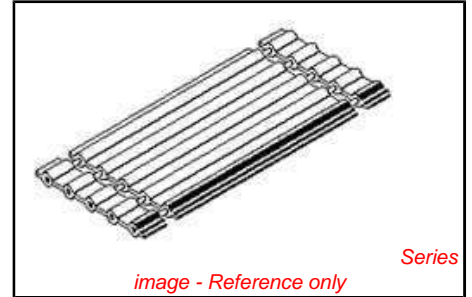
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-25001-001
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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**  
[25001Series](#)

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**CABLE SPECIFICATIONS:**

**1- STANDARD JUMPER SERIES # 25001 (8996 CABLE .125" S/R BOTH ENDS)**

**2- PHYSICAL**

CONDUCTOR SPACING ----- .100" (2.54mm) C TO C  
 WIRE GAUGE ----- 26 AWG (7/34), STRANDED, TOPCOAT  
 INSULATION ----- GRAY PVC  
 EDGE MARK COLOR ----- RED

**3- AGENCY**

U.L. STYLE ----- 2651  
 TEMPERATURE RATING ----- -20 °C TO 105 °C  
 VOLTAGE RATING ----- 300V. MAX.  
 FLAMMABILITY RATING ----- VW-1

**4- SPECIAL REQUIREMENT**

RoHS AND LEAD FREE COMPLIANT  
 NO TEXT MARKING ON PCB

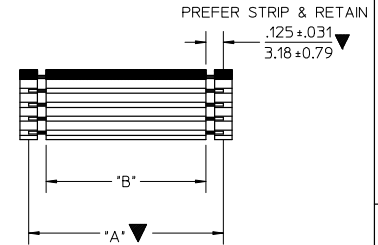
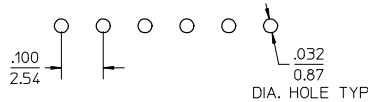
**5- GENERAL**

NON-OPERATING TEMPERATURE... -20°C TO 105°C  $\Delta$

**6- SOLDERING CONDITION**

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

PCB HOLE LAYOUT  
 RECOMMENDED HOLE DIA. .032 In.



OVERALL LENGTH ("A")  
 TOLERANCE FOR OAL +/- .100"  
 INSULATION LENGTH ("B" REF.)  
 DIMS "A" & "B" REFERS TO  
 SHOWN IN MATRIX.

MATRIX FOR STANDARD JUMPERS SERIES # 25001 (8996 CABLE .125" S/R BOTH ENDS)								
LENGTH "A" (±.100")	1.250"	2.250"	3.250"	4.250"	5.250"	6.250"	7.250"	8.250"
LENGTH "B" CIRCUITS (REF)	1.000"	2.000"	3.000"	4.000"	5.000"	6.000"	7.000"	8.000"
3	25001-0301	25001-0302	25001-0303	25001-0304	25001-0305	25001-0306	25001-0307	25001-0308
4	25001-0401	25001-0402	25001-0403	25001-0404	25001-0405	25001-0406	25001-0407	25001-0408
5	25001-0501	25001-0502	25001-0503	25001-0504	25001-0505	25001-0506	25001-0507	25001-0508
6	25001-0601	25001-0602	25001-0603	25001-0604	25001-0605	25001-0606	25001-0607	25001-0608
7	25001-0701	25001-0702	25001-0703	25001-0704	25001-0705	25001-0706	25001-0707	25001-0708
8	25001-0801	25001-0802	25001-0803	25001-0804	25001-0805	25001-0806	25001-0807	25001-0808
9	25001-0901	25001-0902	25001-0903	25001-0904	25001-0905	25001-0906	25001-0907	25001-0908
10	25001-1001	25001-1002	25001-1003	25001-1004	25001-1005	25001-1006	25001-1007	25001-1008
11	25001-1101	25001-1102	---	---	---	---	---	---

25001-\*\*\*  
 A B C

A = STD. JUMPER I.D. No  
 B = CIRCUIT SIZE  
 3 THRU 11  
 C = DENOTES LENGTH  
 1.000" TO 8.000"

SEE CHANGE DETAIL EC NO: THL2008-0019 DRW: NCIPANSAKHOM 2007/12/07 CHK: DANCHALERM 2007/12/11 APPR: SVIRAT JAPOL 2007/12/20 DESCRIPTION QUALITY SYMBOLS ▽=3 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± --- °		DIMENSION STYLE IN/MM DRAWN BY DATE PREECHAI 2006/05/17 CHECKED BY DATE DNARINTARA 2006/05/17 APPROVED BY DATE SVIRAT JAPOL 2006/05/17		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							TITLE STANDARD JUMPER .100" CTR PVC INSULATED 26 AWG STR. TOPCATED
	MATERIAL NO. SEE CHART					MOLEX INCORPORATED	DOCUMENT NO. SD-25001-001	SHEET NO. 1 OF 1
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

B	E-07-0793	B <sub>2</sub> ADD GENERAL & SOLDERING CONDITION DATA	07/12/06
A	THL2006-0003	NEW RELEASE	06/05/17
REV	EC NO.	DETAIL	DATE

tb\_frame\_A4\_P\_ME\_T  
 Rev. E 2006/04/15