

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0250010901

Status:

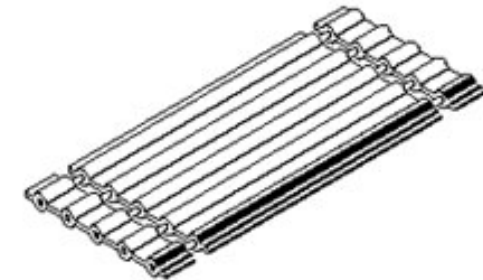
Active

Overview:

ribbon\_cable\_jumpers

Description:

2.54mm (.100") Pitch Board-to-Board Ribbon Cable Jumper - 26 AWG, Stranded Topcoat, 9 Circuits, Strip and Retain, 0.025m (1.00") Length



Series

image - Reference only

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

|                         |                      |
|-------------------------|----------------------|
| Product Family          | Cable                |
| Series                  | 25001                |
| Crimp Quality Equipment | Yes                  |
| Geographic Area         | Asia                 |
| Overview                | ribbon_cable_jumpers |
| Product Name            | Ribbon               |

Physical

|                               |                          |
|-------------------------------|--------------------------|
| Cable Length                  | 0.025m (1.00")           |
| Circuits (Loaded)             | 9                        |
| Circuits (maximum)            | 9                        |
| 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 |
|---------------|--------------|

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

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)  $\phi$  TO  $\phi$   
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

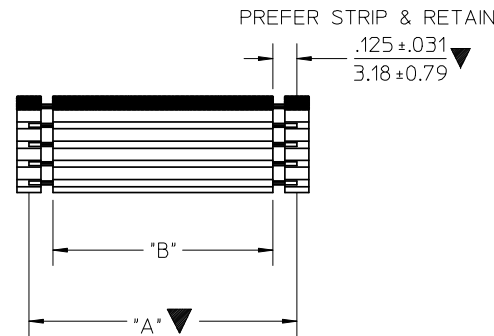
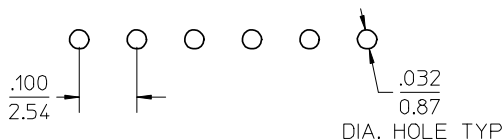
5.- GENERAL

NON-OPERATING TEMPERATURE ----- -20°C TO 105°C  $\triangle$  B1

6.- SOLDERING CONDITION

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

PCB HOLE LAYOUT  
RECOMENDED 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"<br>(±.100") | 1.250"     | 2.250"     | 3.250"     | 4.250"     | 5.250"     | 6.250"     | 7.250"     | 8.250"     |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| LENGTH "B"<br>(REF)    | 1.000"     | 2.000"     | 3.000"     | 4.000"     | 5.000"     | 6.000"     | 7.000"     | 8.000"     |
| CIRCUITS               | 3          | 4          | 5          | 6          | 7          | 8          | 9          | 10         |
| 25001-0301             | 25001-0302 | 25001-0303 | 25001-0304 | 25001-0305 | 25001-0306 | 25001-0307 | 25001-0308 | 25001-0309 |
| 25001-0401             | 25001-0402 | 25001-0403 | 25001-0404 | 25001-0405 | 25001-0406 | 25001-0407 | 25001-0408 | 25001-0409 |
| 25001-0501             | 25001-0502 | 25001-0503 | 25001-0504 | 25001-0505 | 25001-0506 | 25001-0507 | 25001-0508 | 25001-0509 |
| 25001-0601             | 25001-0602 | 25001-0603 | 25001-0604 | 25001-0605 | 25001-0606 | 25001-0607 | 25001-0608 | 25001-0609 |
| 25001-0701             | 25001-0702 | 25001-0703 | 25001-0704 | 25001-0705 | 25001-0706 | 25001-0707 | 25001-0708 | 25001-0709 |
| 25001-0801             | 25001-0802 | 25001-0803 | 25001-0804 | 25001-0805 | 25001-0806 | 25001-0807 | 25001-0808 | 25001-0809 |
| 25001-0901             | 25001-0902 | 25001-0903 | 25001-0904 | 25001-0905 | 25001-0906 | 25001-0907 | 25001-0908 | 25001-0909 |
| 25001-1001             | 25001-1002 | 25001-1003 | 25001-1004 | 25001-1005 | 25001-1006 | 25001-1007 | 25001-1008 | 25001-1009 |
| 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"

|              |              |                                            |          |
|--------------|--------------|--------------------------------------------|----------|
| B            | E-07-0793    | B1: ADD GENERAL & SOLDERING CONDITION DATA | 07/12/06 |
| A            | THL2006-0003 | NEW RELEASE                                | 06/05/17 |
| REV. HISTORY | EC NO.       | DETAIL                                     | DATE     |

SEE CHANGE DETAIL  
EC NO: THL2008-0019  
DRWN: CPANSAKORN 2007/12/07  
CHKD: NCHALERM 2007/12/11  
APPR: SVIRAT JAPOL 2007/12/20

QUALITY SYMBOLS  
 $\nabla=3$   
 $\nabla=0$

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH  |
|----------|--------|-------|
| 4 PLACES | ± ---  | ± --- |
| 3 PLACES | ± ---  | ± --- |
| 2 PLACES | ± ---  | ± --- |
| 1 PLACE  | ± ---  | ± --- |
| ANGULAR  | ± ---° |       |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
IN/MM

|              |            |
|--------------|------------|
| DRAWN BY     | DATE       |
| PMEECHAI     | 2006/05/17 |
| CHECKED BY   | DATE       |
| DNARINTARA   | 2006/05/17 |
| APPROVED BY  | DATE       |
| SVIRAT JAPOL | 2006/05/17 |
| MATERIAL NO. |            |

SEE CHART

SCALE  
NTS

DESIGN UNITS  
INCH

THIRD ANGLE  
PROJECTION

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| TITLE        | STANDARD JUMPER<br>.100" CTR PVC INSULATED<br>26 AWG STR. TOPCATED |
| MOLEX        | MOLEX INCORPORATED                                                 |
| DOCUMENT NO. | SD-25001-001                                                       |
| SHEET NO.    | 1 OF 1                                                             |

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