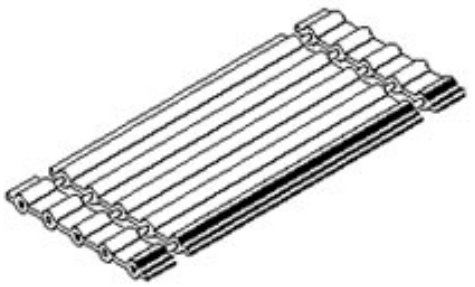
This document was generated on 06/01/2010

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

**Part Number:** 0250010507
**Status:** Active
**Overview:** ribbon_cable_jumpers
**Description:** 2.54mm (.100") Pitch Board-to-Board Ribbon Cable Jumper - 26 AWG, Stranded Topcoat, 5 Circuits, Strip and Retain, 0.178m (7.00") 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 | 0.178m (7.00") |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| 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**
**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**
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) ℄ TO ℄
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 REQUIRMENT**

RoHS AND LEAD FREE COMPLIANT
NO TEXT MARKING ON FCB

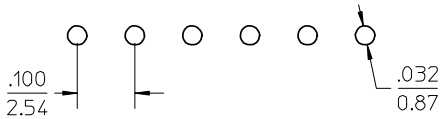
**5.– GENERAL**

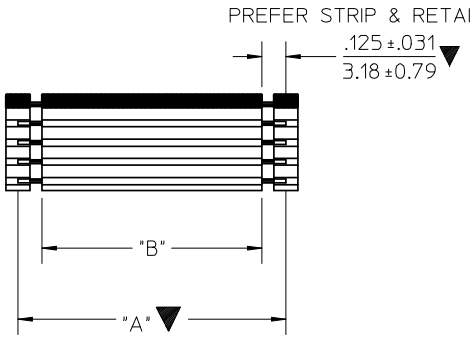
NON-OPERATING TEMPERATURE__-20°C TO 105°C △B1

**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" (±.100") / LENGTH "B" (REF) / CIRCUITS | 1.250" | 2.250" | 3.250" | 4.250" | 5.250" | 6.250" | 7.250" | 8.250" |
|---|---|---|---|---|---|---|---|---|
| | 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"

| REV. HISTORY | EC NO. | DETAIL | DATE |
|---|---|---|---|
| B | E-07-0793 | $B_1$: ADD GENERAL & SOLDERING CONDITION DATA | 07/12/06 |
| A | THL2006-0003 | NEW RELEASE | 06/05/17 |

SEE CHANGE DETAIL
EC NO: THL2008-0019 DESCRIPTION
DRWN:CPANSAKHOM 2007/12/07
CH'KD:NCHALERM 2007/12/11
APPR:SVIRATJAPOL 2007/12/20
B REV

QUALITY SYMBOLS
▼=3
▽C=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
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DRAWN BY | PMEECHAI | 2006/05/17 |
| CHECKED BY | DNARINTARA | 2006/05/17 |
| APPROVED BY | SVIRATJAPOL | 2006/05/17 |

TITLE
STANDARD JUMPER
.100" CTR PVC INSULATED
26 AWG STR. TOPCATED

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-25001-001
SHEET NO.: 1 OF 1
SIZE: A4

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