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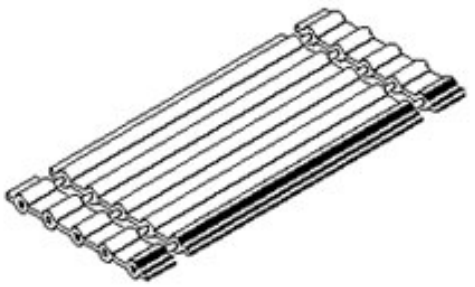
**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** 0250020508

**Status:** Active

**Overview:** ribbon_cable_jumpers

**Description:** 2.54mm (.100") Pitch Board-to-Board Ribbon Cable Jumper - 24 AWG, Stranded Topcoat, 5 Circuits, Strip and Retain, 0.203m (8.00") Length



*Series image - Reference only*

**Documents:**

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

## General

| | |
|---|---|
| Product Family | Cable |
| Series | 25002 |
| Crimp Quality Equipment | Yes |
| Geographic Area | Asia |
| Overview | ribbon_cable_jumpers |
| Product Name | Ribbon |

## Physical

| | |
|---|---|
| Cable Length | 0.203m (8.00") |
| 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 | 24 |
| Wire/Cable Type | (7x32) Stranded, Topcoat |

## Electrical

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

## Material Info

## Reference - Drawing Numbers

| | |
|---|---|
| Sales Drawing | SD-25002-001 |

**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**
25002Series

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## CABLE SPECIFICATIONS:

**1.– STANDARD JUMPER SERIES #25002 (8997 CABLE, .125" S/R BOTH ENDS)**

**2.– PHYSICAL**

CONDUCTOR SPACING ---------- .100" (2.54mm) ℄ TO ℄
WIRE GAUGE ---------- 24 AWG (7/32), 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 FCB

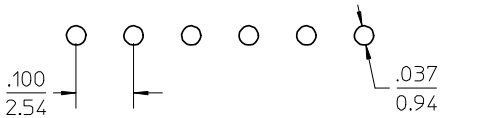
**5.– GENERAL**

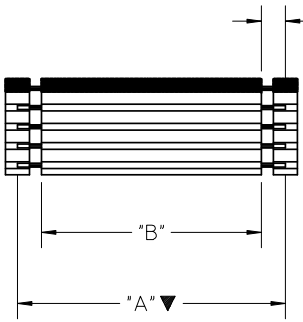
NON-OPERATING TEMPERATURE___-20°C TO 105°C

**6.– SOLDERRING CONDITION** B1

SOLDER TEMPERATURE_____260°C. MAX.
SOLDERING TIME_____3 SECOND. MAX.
INSULATION SHRINK_____2MM. NOM

PCB HOLE LAYOUT
RECOMENDED HOLE DIA. .037 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 # 25002 (8997 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" |
|---|---|---|---|---|---|---|---|---|
| CIRCUITS \ LENGTH "B" (REF) | 1.000" | 2.000" | 3.000" | 4.000" | 5.000" | 6.000" | 7.000" | 8.000" |
| 2 | 25002-0201 | 25002-0202 | 25002-0203 | 25002-0204 | 25002-0205 | 25002-0206 | 25002-0207 | 25002-0208 |
| 3 | 25002-0301 | 25002-0302 | 25002-0303 | 25002-0304 | 25002-0305 | 25002-0306 | 25002-0307 | 25002-0308 |
| 4 | 25002-0401 | 25002-0402 | 25002-0403 | 25002-0404 | 25002-0405 | 25002-0406 | 25002-0407 | 25002-0408 |
| 5 | 25002-0501 | 25002-0502 | 25002-0503 | 25002-0504 | 25002-0505 | 25002-0506 | 25002-0507 | 25002-0508 |
| 6 | 25002-0601 | 25002-0602 | 25002-0603 | 25002-0604 | 25002-0605 | 25002-0606 | 25002-0607 | 25002-0608 |
| 7 | 25002-0701 | 25002-0702 | 25002-0703 | 25002-0704 | 25002-0705 | 25002-0706 | 25002-0707 | 25002-0708 |
| 8 | 25002-0801 | 25002-0802 | 25002-0803 | 25002-0804 | 25002-0805 | 25002-0806 | 25002-0807 | 25002-0808 |
| 9 | 25002-0901 | 25002-0902 | 25002-0903 | 25002-0904 | 25002-0905 | 25002-0906 | 25002-0907 | 25002-0908 |
| 10 | 25002-1001 | 25002-1002 | 25002-1003 | 25002-1004 | 25002-1005 | 25002-1006 | 25002-1007 | 25002-1008 |

25002-××××
A B C

A = STD. JUMPER I.D. No

B = CIRCUIT SIZE
2 THRU 10

C = DENOTES LENGTH
1.000" TO 8.000"

| REV. HISTORY | EC NO. | DETAIL | DATE |
|---|---|---|---|
| B | E-07-0793 | B1: ADD GENERAL & SOLDERING CONDITION DATA | 07/12/06 |
| A | THL2006-0005 | NEW RELEASE | 06/06/01 |

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

DRAWN BY: CPANSAKHOM DATE: 2006/06/01
CHECKED BY: PMEECHAI DATE: 2006/06/01
APPROVED BY: SVIRATJAPOL DATE: 2006/06/01
MATERIAL NO.: SEE CHART

TITLE
STANDARD JUMPER
.100" CTRS PVC INSULATED
24 AWG TOPCOATED

MOLEX INCORPORATED

DOCUMENT NO.: SD-25002-001
SHEET NO.: 1 OF 1

SIZE A4

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