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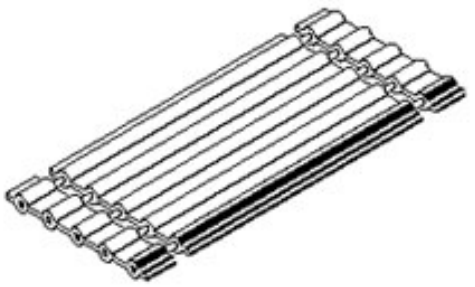
Part Number: 0250020705

Status: Active

Overview: ribbon_cable_jumpers

Description: 2.54mm (.100") Pitch Board-to-Board Ribbon Cable Jumper - 24 AWG, Stranded Topcoat, 7 Circuits, Strip and Retain, 0.127m (5.00") 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	0.127m (5.00")
Circuits (Loaded)	7
Circuits (maximum)	7
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

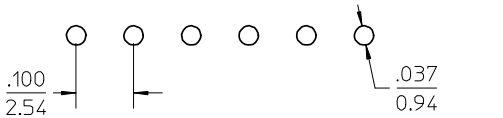
5.– GENERAL

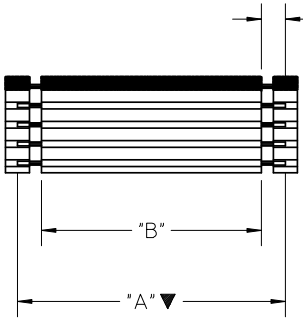
NON-OPERATING TEMPERATURE___-20°C TO 105°C

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
Ⓒ▽=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

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

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-25002-001
SHEET NO.: 1 OF 1
SIZE A4

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