

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0520041310](#)
Status: **Active**
Description: 1.50mm (.059") Pitch Wire Trap, Push-Cover Style, Vertical, 13 Circuits

Documents:
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

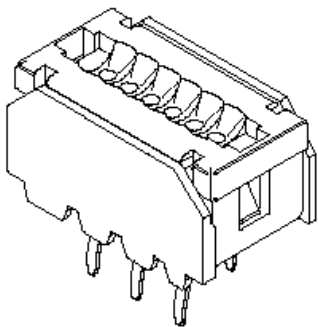
General
Product Family Ribbon Cable / Wire Trap Connectors
Series 52004
Comments Push-Cover
Component Type One Piece
Glow-Wire Compliant No
Product Name Board-In, Wire Trap

Physical
Circuits (Loaded) 13
Entry Angle Vertical
Lock to Mating Part None
Number of Rows 1
PCB Retention Yes
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.059 In
Pitch - Mating Interface (mm) 1.50 mm
Polarized to Mating Part N/A
Polarized to PCB Yes
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Wire Insulation Diameter 1.50mm (.059") max.
Wire Size AWG 24, 26
Wire/Cable Type Ribbon Cable

Electrical
Current - Maximum per Contact 2.5A
Voltage - Maximum 150V

Material Info

Reference - Drawing Numbers
Sales Drawing SD-52004-**10



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed



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.

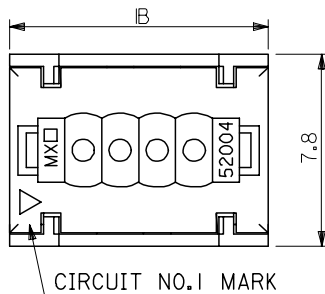
Search Parts in this Series
52004Series

Mates With
N/A

Use With
Topcoated ribbon cable

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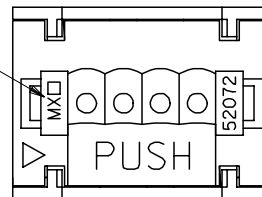
FOR 3~12CKTS.



FOR 13~17CKTS.

(ONLY COVER SHAPE IS DIFFERENT FROM 3~12CKTS.)

TRADE MARK



NOTES: 1. MATERIAL

TERMINAL: PHOS-BRO,TIN-PLATED.(t=0.254)
HOUSING: PBT(15%G.F.),UL94V-0
G.E. PLASTICS JAPAN LTD.
VALOX DR-48 UL FILE NO. E45587
COVER: PBT(30%G.F.),UL94V-0
G.E. PLASTICS JAPAN LTD.
VALOX 420-SEO UL FILE NO. E45587

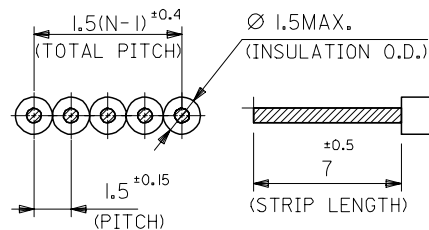
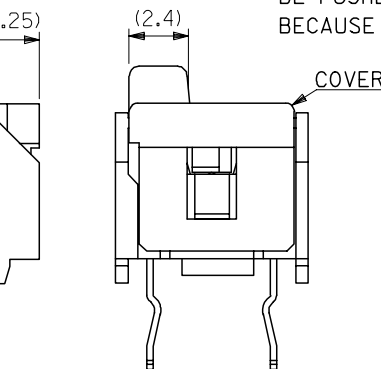
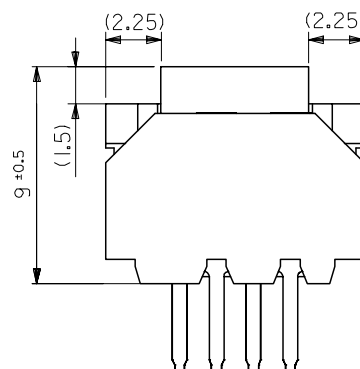
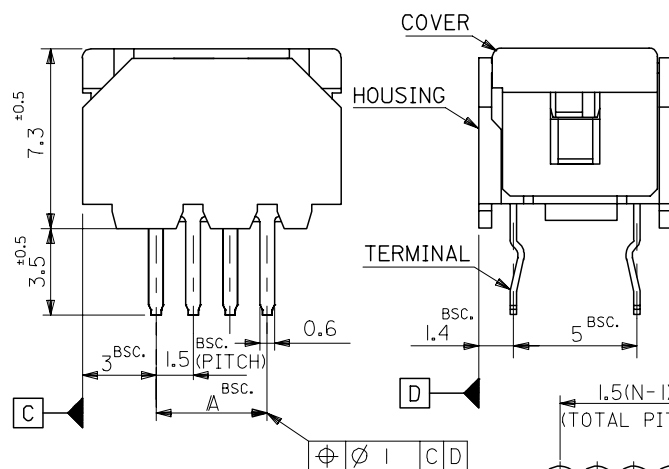
2. APPLICABLE WIRE

1.5 PITCH RIBBON CABLE

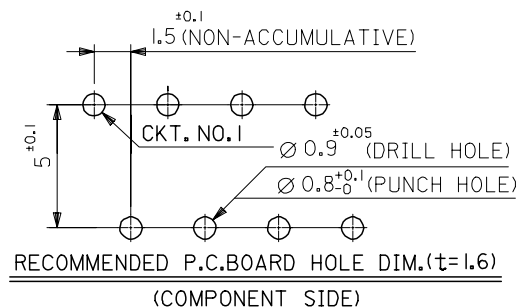
(UL2468,AWG#24~#26 TOP-COATED WIRE)

3. THE CABLE STRIPED AS SHOWN IN THE FIG.,

* (MARKED INSULATION) PART SHOULD NOT BE PUSHED AND SLID DIRECTLY BY THE COVER, BECAUSE THE COVER MAY BE POSSIBLY PUSHED DOWN.



RECOMMENDED WIRE DIM.



30	24	52004-1710	17
28.5	22.5	-1610	16
27	21	-1510	15
25.5	19.5	-1410	14
24	18	-1310	13
22.5	16.5	-1210	12
21	15	-1110	11
19.5	13.5	-1010	10
18	12	-0910	9
16.5	10.5	-0810	8
15	9	-0710	7
13.5	7.5	-0610	6
12	6	-0510	5
10.5	4.5	-0410	4
9	3	-0310	3
IB	A	52004-0310	3
		ENG. NO.	極数

REVISED ECNO: J2004-4815 T1 DRAWN: IDA CHKD: HTAKASE APPR: JMIYAZAW 2004/08/05 2004/08/05 2004/08/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY SKUNISHI	DATE 86/08/27	TITLE 1.5 WIRE TRAP CONN.			
		10 OVER 30 UNDER	± 0.25	CHECKED BY HII	DATE 93/01/18				
		30 OVER	± 0.3	APPROVED BY MFUKUSHIMA	DATE 93/01/18	MOLEX MOLEX INCORPORATED			
		ANGULAR ± 3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52004-**10		1 OF 2	

EN-02JA(021)