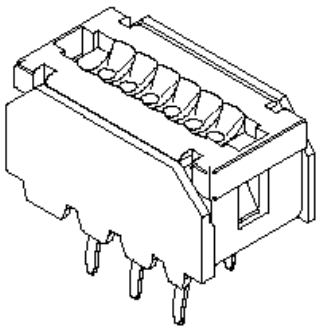
This document was generated on 04/15/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0520041210

Status: Active

Description: 1.50mm (.059") Pitch Wire Trap, Push-Cover Style, Vertical, 12 Circuits



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-52004-001 (PDF)
Product Specification PS-52004-002 (PDF)
RoHS Certificate of Compliance (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)	12
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

Product Specification	PS-52004-001, PS-52004-002
Sales Drawing	SD-52004-**10

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
52004Series

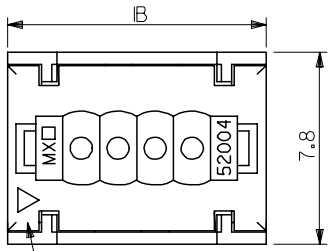
Mates With
N/A

Use With
Topcoated ribbon cable

This document was generated on 04/15/2010

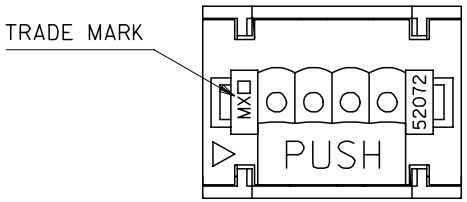
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

FOR 3~12CKTS.



FOR 13~17CKTS.

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

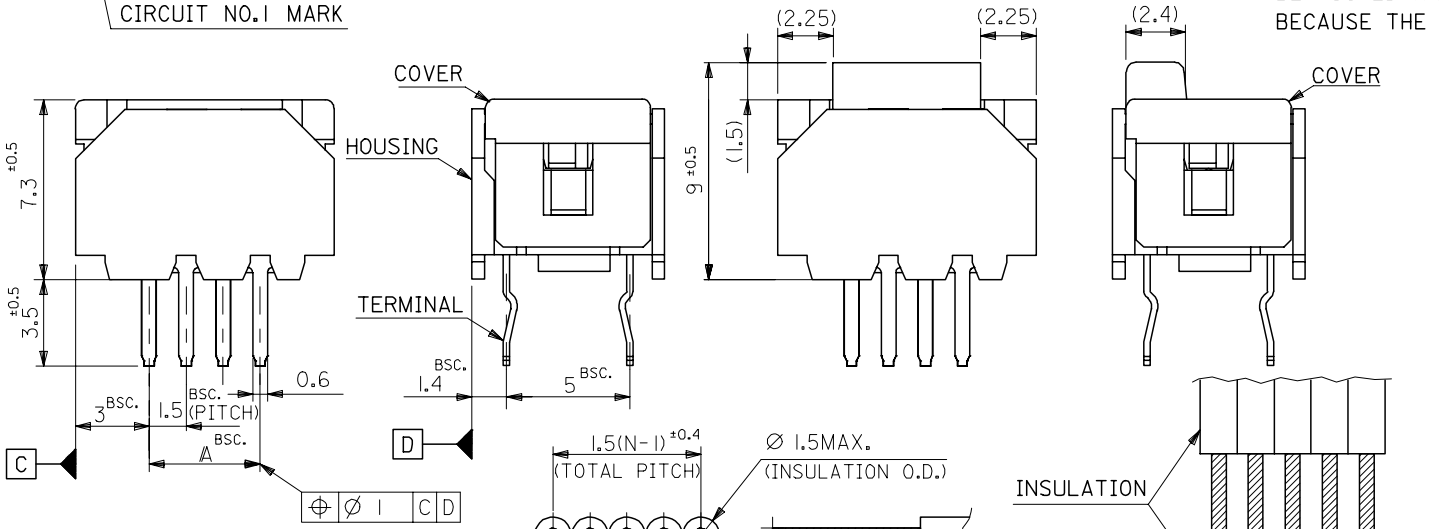


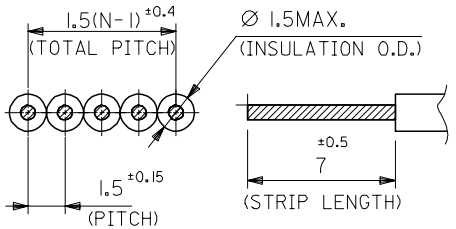
NOTES: 1. MATERIAL

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

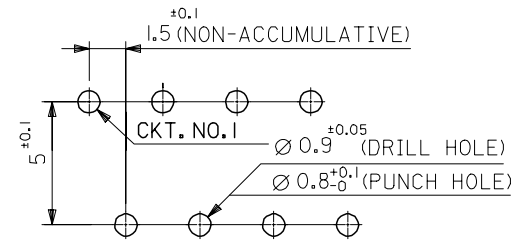
2. APPLICABLE WIRE
1.5 PITCH RIBBON CABLE
(UL2468,AWG#24~#26 TOP-COATED WIRE)

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.



RECOMMENDED P.C.BOARD HOLE DIM.(t=1.6)
(COMPONENT SIDE)

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	52004-0310	3
B	A	ENG. NO.	極数

REVISED
ECNNO: J2004-4815 2004/08/05
DRWN:AIDA 2004/08/05
CHKD:HTAKASE 2004/08/17
APPR:JMIYAZAW
DESCRIPTION
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

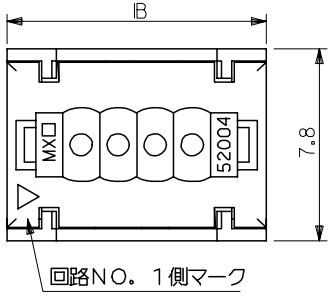
DIMENSION STYLE: MM ONLY	SCALE: 5:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: SKUNISHI DATE: 86/08/27	TITLE: 1.5 WIRE TRAP CONN.		
CHECKED BY: HII DATE: 93/01/18			
APPROVED BY: MFUKUSHIMA DATE: 93/01/18	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-52004-**10	SHEET NO.: 1 OF 2	

SIZE A3

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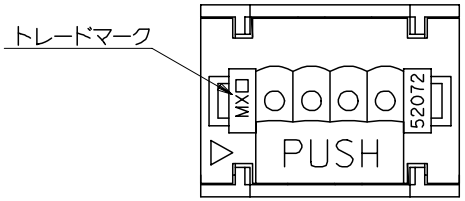
ZFG:I(00,024)A52004.S05:1

3極から１２極の形状



１３極から１７極の形状

（カバーの形状のみ異なる）



（注記）

1．材質

ターミナル：燐青銅材、錫メッキ（t＝0．254）

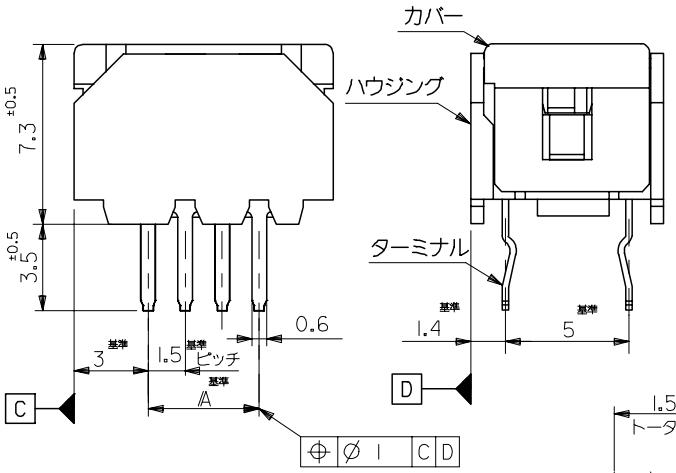
ハウジング：PBT(15%G.F.),UL94V-0
G.E. PLASTICS JAPAN LTD.
VALOX DR-48 UL FILE NO. E45587

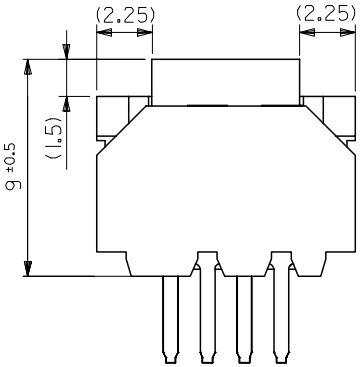
カバー：PBT(30%G.F.),UL94V-0
G.E. PLASTICS JAPAN LTD.
VALOX 420-SE0 UL FILE NO. E45587

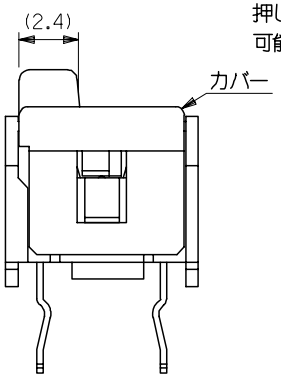
2．適用電線

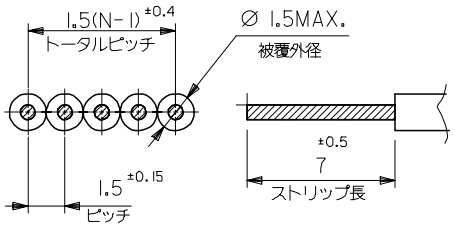
1．5mmピッチリボンケーブル。
（UL2468、AWG＃24～＃26錫コート線）

3．下図の様な端末処理ケーブルにて，※部を直接カバーに押し付けスライドさせる使用法はカバーが押しさげられる可能性があるため不可。

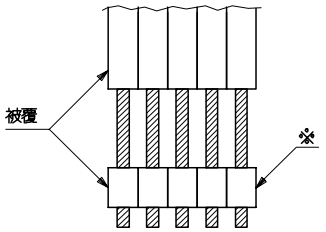


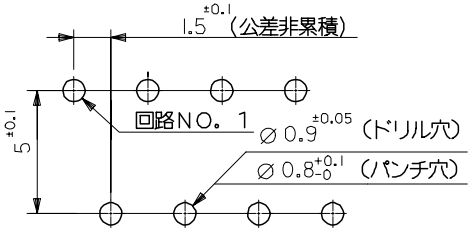






電線推奨寸法





取付穴推奨基板寸法（t=1.6）

（取付面）

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
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: SKUNISHI DATE: 86/08/27
CHECKED BY: HII DATE: 93/01/18
APPROVED BY: MFUKUSHIMA DATE: 93/01/18
MATERIAL NO.: SEE CHART

TITLE: 1.5 WIRE TRAP CONN. (JAPAN)

molex MOLEX INCORPORATED

DOCUMENT NO.: SD-52004-**10
SHEET NO.: 2 OF 2

SIZE A3

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ZF0:E100,0241,52004.SO6:1