molex
one company > a world of innovation

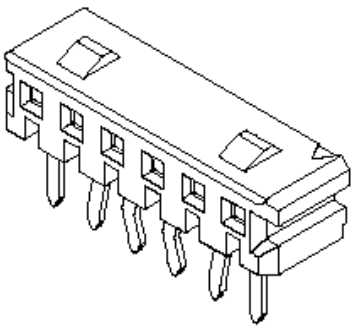
This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0524181490

Status: Active

Description: 2.00mm (.079") Pitch Board-to-Board Receptacle, Right Angle, Single Row, Friction Lock, 14 Circuits, Tube Package



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-52418-002 (PDF)
Product Specification PS-52418-003 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	52418
Application	Board-to-Board
Product Name	N/A

Physical

Circuits (Loaded)	14
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	36
Plating min: Mating (µm)	0.90
Plating min: Termination (µin)	36
Plating min: Termination (µm)	0.90
Polarized to PCB	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Product Specification	PS-52418-002, PS-52418-003, RPS-52418-001, RPS-52418-004
Sales Drawing	SD-52418-**90

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
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
52418Series

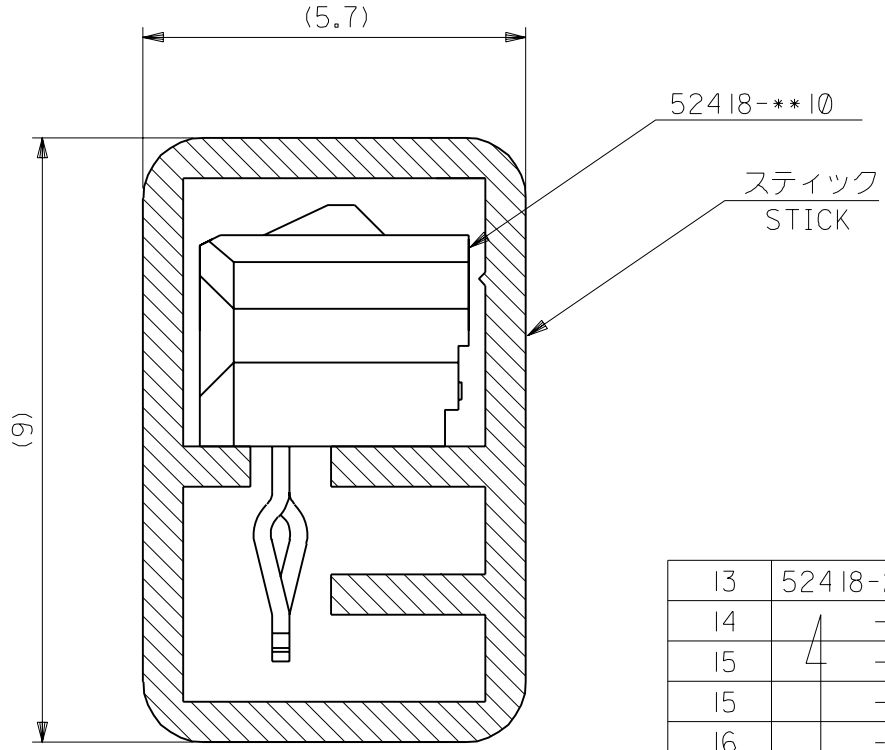
Mates With
53290

This document was generated on 04/16/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

ENG. NO SD-52418-**90

EDP NO.



13	52418-2090	20
14	-1990	19
15	-1890	18
15	-1790	17
16	-1690	16
17	-1590	15
19	-1490	14
20	-1390	13
22	-1290	12
24	-1190	11
26	-1090	10
28	-0990	9
32	-0890	8
36	-0790	7
41	-0690	6
49	-0590	5
59	-0490	4
75	52418-0390	3
梱包数 QUANTITY	ENG.NO.	極数 CKT.

注 記 NOTES

1. スティック両端はキャップ止め。
   BOTH ENDS WITH CAPS.
2. 全長： $600^{\pm 2}$
   LENGTH: $600^{\pm 2}$
3. 肉厚： 0.6
   THICKNESS: 0.6

角度 ANGLE	±3°
30 以上 OVER	±0.3
10 以上 OVER 30 未満 UNDER	±0.25
10 未満 UNDER	±0.2
一般公差 GENERAL TOLERANCES	

: MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
A	変更 REVISED (J30969)	T.I M.F	'93/9/23
0	新規作成 RELEASED (J00558)	S.A	'90/7/12

REVISE ONLY ON CAD SYSTEM

材料 MATERIAL
スティック：ポリ塩化ビニル
STICK : PVC

仕上げ FINISH

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '90/7/11	CHK'D BY '93/9/23
S.AIHARA	T.ITO
APP'D BY '93/9/23	尺度 SCALE
M.FUKUSHIMA	

MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

EDP. NO.

ENG. NO. SD-52418-**90

REV A

TITLE 名称：
STICK PACKAGING
FOR 52418-**10

52418S.S05

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX(JAPAN) AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
本図面は日本モレックス（株）の所有する情報を含むもので当社の許可なく複製を禁止する。

EN-01(018) MXJ-7