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Part Number: [0524181390](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Board-to-Board Receptacle, Right Angle, Single Row, Friction Lock, 13 Circuits, Tube Package

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) 13
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

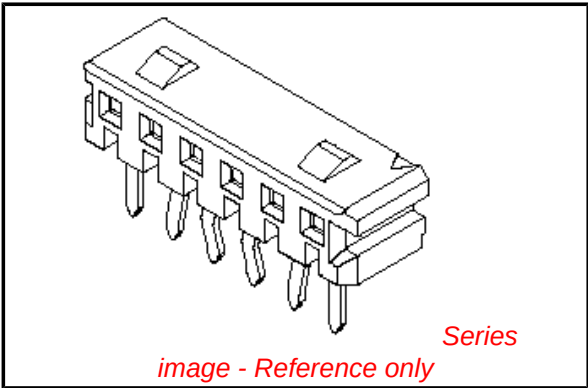
Electrical

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



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](#)

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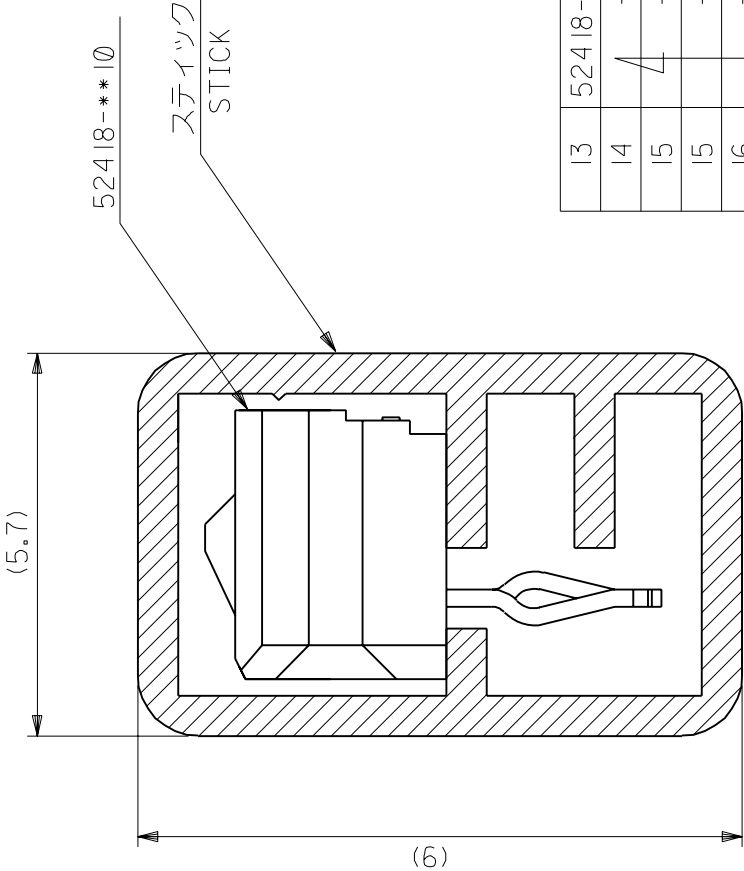
ENG. NO
SD-52418-**-90

EDP NO.

MM
DIMENSIONS IN METRIC DO NOT SCALE DRAWING

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⁺²
LENGTH: 600⁺²
3. 肉厚：0.6
THICKNESS: 0.6



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

A	変更 REVISED	(J30969)	T.I	'93/9/23
0	新規作成 RELEASED	(J00558)	S.A	'90/7/12
記号 LTR	変更内容 REVISION RECORD	DR	日付 CHK. DATE	
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.IITO
APP'D BY '93/9/23	R.度
M.FUKUSHIMA	SCALE
—#—	—#—

MOLEX-JAPAN CO.,LTD. moLEX 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	

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.