

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0520441945

Status:

Active

Overview:

Description:

1.25mm (.049") Right Angle, Non-ZIF, Top Contact Style Receptacle, 19 Circuits

Agency Certification

UL

E29179

General

Product Family

FFC/FPC Connectors

Series

52044

Overview

ffc_fpc_throughhole

Product Name

N/A

Physical

Circuits (Loaded)

19

Contact Position

Top

Entry Angle

90° Angle

Flammability

94V-0

Mated Height (in)

0.201 In

Mated Height (mm)

5.10 mm

Number of Rows

1

Orientation

Right Angle

PC Tail Length (in)

0.138 In

PC Tail Length (mm)

3.50 mm

PCB Retention

None

Packaging Type

Tray

Pitch - Mating Interface (in)

0.049 In

Pitch - Mating Interface (mm)

1.25 mm

Polarized to PCB

Yes

Stackable

No

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Through Hole

Wire/Cable Type

FFC/FPC

Electrical

Current - Maximum per Contact

0.5A, 1A

Voltage - Maximum

200V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52044

Product Specification

PS-52044-002, RPS-52044-003, RPS-52044-005,
RPS-52044-006, RPS-52044-008

Sales Drawing

SD-52044-**45

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

52044Series

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注記 NOTES

- △ 奇数極ソルダーテール。
ODD CIRCUIT SOLDER TAIL.
△ 偶数極ソルダーテール。
EVEN CIRCUIT SOLDER TAIL.

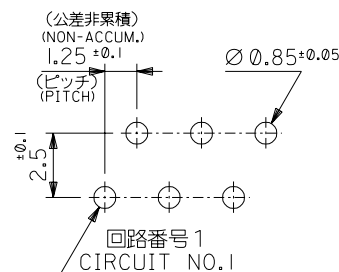
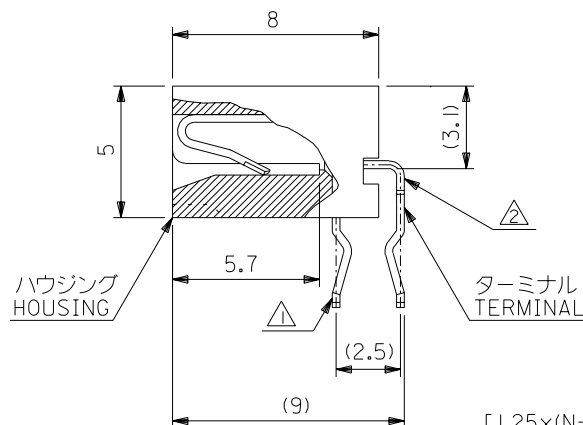
3. 材質 MATERIAL

ターミナル：リン青銅 (t=0.3)
メッキ：錫メッキ 0.9 μm 以上
リフロー処理

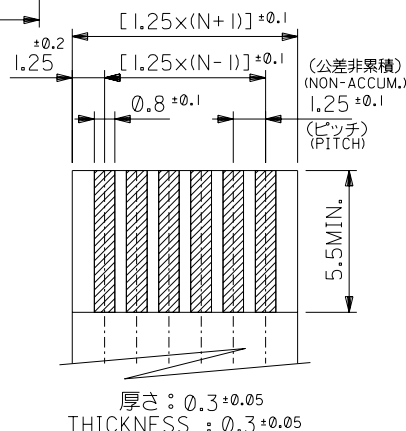
TERMINAL：PHOSPHOR BRONZE (t=0.3)
PLATING：Sn 0.9 μm MIN.
REFLOW TREATMENT.

ハウジング：PBTP, UL94V-0 (灰色)

HOUSING：PBTP, UL94V-0 (GRAY)



基板取付穴推奨寸法
RECOMMENDED P.C.BOARD HOLE DIM.
(厚さ：1.6)
(THICKNESS：1.6)



適合 FFC/FPC 推奨寸法
APPLICABLE FFC/FPC RECOMMENDED DIM.

無鉛
LEAD FREE

53.4	51.3	48.75	52044-4045	40
52.15	50.05	47.5	↑ -3945	39
50.9	48.8	46.25	↑ -3845	38
49.65	47.55	45	↑ -3745	37
48.4	46.3	43.75	↑ -3645	36
47.15	45.05	42.5	↑ -3545	35
45.9	43.8	41.25	↑ -3445	34
44.65	42.55	40	↑ -3345	33
43.4	41.3	38.75	↑ -3245	32
42.15	40.05	37.5	↑ -3145	31
40.9	38.8	36.25	↑ -3045	30
39.65	37.55	35	↑ -2945	29
38.4	36.3	33.75	↑ -2845	28
37.15	35.05	32.5	↑ -2745	27
35.9	33.8	31.25	↑ -2645	26
34.65	32.55	30	↑ -2545	25
33.4	31.3	28.75	↑ -2445	24
32.15	30.05	27.5	↑ -2345	23
30.9	28.8	26.25	↑ -2245	22
29.65	27.55	25	↑ -2145	21
28.4	26.3	23.75	↑ -2045	20
27.15	25.05	22.5	↑ -1945	19
25.9	23.8	21.25	↑ -1845	18
24.65	22.55	20	↑ -1745	17
23.4	21.3	18.75	↑ -1645	16
22.15	20.05	17.5	↑ -1545	15
20.9	18.8	16.25	↑ -1445	14
19.65	17.55	15	↑ -1345	13
18.4	16.3	13.75	↑ -1245	12
17.15	15.05	12.5	↑ -1145	11
15.9	13.8	11.25	↑ -1045	10
14.65	12.55	10	↑ -0945	9
13.4	11.3	8.75	↑ -0845	8
12.15	10.05	7.5	↑ -0745	7
10.9	8.8	6.25	↑ -0645	6
9.65	7.55	5	↑ -0545	5
8.4	6.3	3.75	↓ -0445	4
7.15	5.05	2.5	↓ 52044-0345	3
C	B	A	ENG. NO.	NO. OF CKT. 極数

単位 DESIGN UNITS		mm	材料 MATERIAL		注記参照 SEE NOTES	MATERIAL MATERIAL	
角度 ANGLE		±3°	仕上げ FINISH		—H—	モレックス MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
30 以上 OVER		±0.3	適用電線範囲 WIRE RANGE		—H—	REVISE ONLY ON CAD SYSTEM	
10 以上 30 未満 UNDER		±0.25	被覆外径 INS. RANGE		—H—	TITLE 名称	
未満 10 UNDER		±0.2	DRAWN BY '95/4/24 T.ASAKAWA		CHK'D BY '95/4/24 Y.M.HIRAMOTO	I.25 FFC CONN. HS'G ASS'Y R/A. TYPE	
一般公差 GENERAL TOLERANCES		記号 LTR	REVISION RECORD		DR. CHK. DATE	DWG. NO.	
						SD-52044-***45	
						REV C	