

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0520441045

Status:

Active

Overview:

Description:

1.25mm (.049") Right Angle, Non-ZIF, Top Contact Style Receptacle, 10 Circuits

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

Agency Certification

UL

E29179

General

Product Family

Series

Overview

Product Name

FFC/FPC Connectors

52044

ffc_fpc_throughhole

N/A

Physical

Circuits (Loaded)

Color - Resin

Contact Position

Entry Angle

Flammability

Mated Height (in)

Mated Height (mm)

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Retention

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to PCB

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Wire/Cable Type

10

Gray

Top

90° Angle

94V-0

0.201 In

5.10 mm

Phosphor Bronze

Tin

Tin

Polyester

1

Right Angle

0.138 In

3.50 mm

None

Tray

0.049 In

1.25 mm

36

0.90

BARB

0.90

Yes

No

No

-40°C to +85°C

Through Hole - Kinked Pin

FFC/FPC

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A, 1A

200V

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

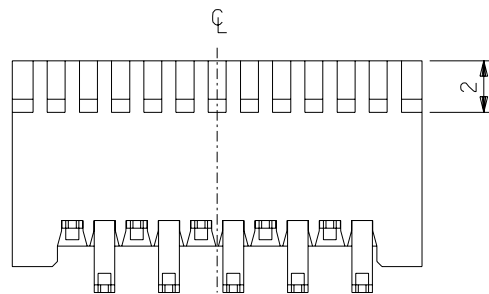
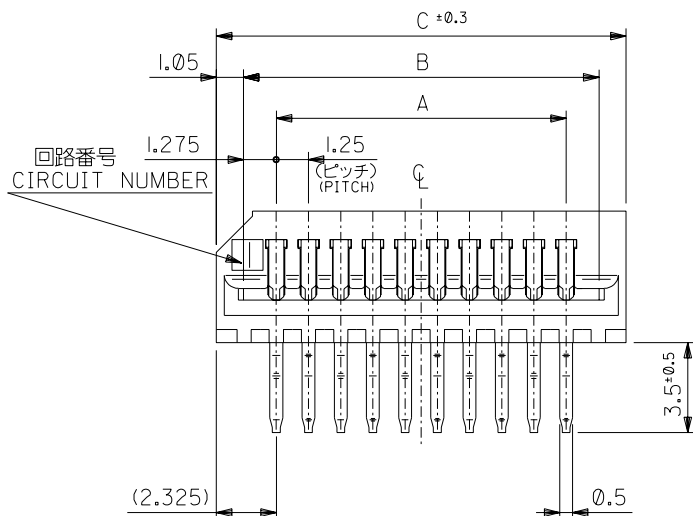
SPK-52044

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

SD-52044-**45

This document was generated on 06/04/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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

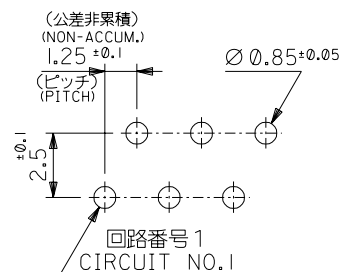
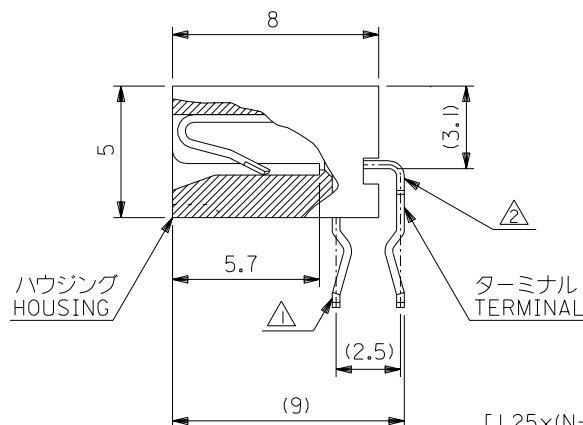
TERMINAL：PHOSPHOR BRONZE (t=0.3)

PLATING：Sn 0.9 μm MIN.

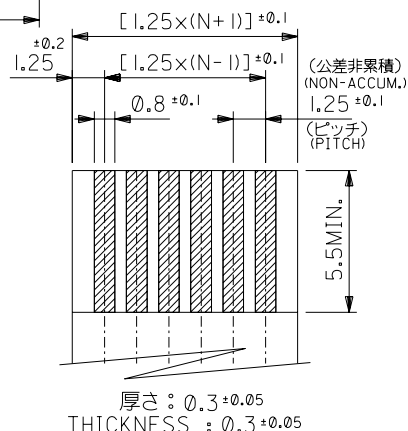
REFLOW TREATMENT.

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)



適用 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	↑ -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	材料 MATERIAL	モレックス株式会社 MOLEX-JAPAN CO.,LTD.
角度 ANGLE	±3°	仕上げ FINISH	—H—	適用電線範囲 WIRE RANGE	REVISE ONLY ON CAD SYSTEM
30 以上 OVER	±0.3	被覆外径 INS. RANGE	—H—	DRAWN BY '95/4/24 T.ASAKAWA	TITLE 名称
10 以上 30 未満 UNDER	±0.25	被覆外径 INS. RANGE	—H—	CHK'D BY '95/4/24 Y.M. HIRAMOTO	1.25 FFC CONN. HS'G ASS'Y R/A. TYPE
10 未満 UNDER	±0.2	被覆外径 INS. RANGE	—H—	尺度 SCALE	5 : 1
一般公差 GENERAL TOLERANCES	記号 LTR	変更内訳 REVISION RECORD	DR. CHK.	日付 DATE	尺度 SCALE