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Part Number: 0520442545
Status: Active
Overview:
Description: 1.25mm (.049") Right Angle, Non-ZIF, Top Contact Style Receptacle, 25 Circuits

Agency Certification

UL E29179

General

Product Family FFC/FPC Connectors
Series 52044
Overview ffc_fpc_throughhole
Product Name N/A

Physical

Circuits (Loaded) 25
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](#)



注記 NOTES

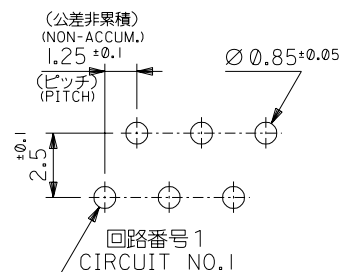
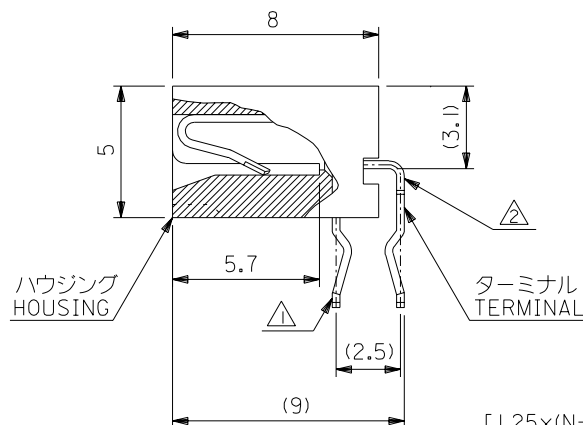
- △ 奇数極ソルダータール。
ODD CIRCUIT SOLDER TAIL.
- △ 偶数極ソルダータール。
EVEN CIRCUIT SOLDER TAIL.

3. 材質 MATERIAL

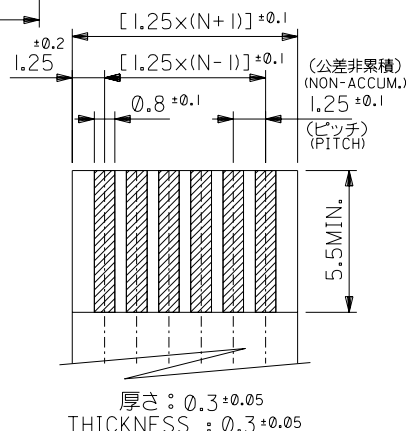
ターミナル：リン青銅 (t=0.3)
メッキ：錫メッキ 0.9 μm 以上
リフロー処理

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

						材料 MATERIAL		注記参照 SEE NOTES		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
単位 DESIGN UNITS		mm				仕上げ FINISH		適用電線範囲 WIRE RANGE		被覆外径 INS. RANGE	
角度 ANGLE		±3°				適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	
30 以上 OVER		±0.3		C 変更 REVISD (J2003-1115)		K.Y. M.T. '02/10/22		適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	
10 以上 OVER 30 未満 UNDER		±0.25		B 変更 REVISD (J2002-1855)		K.Y. M.T. '02/2/1		適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	
10 未満 UNDER		±0.2		A 再作図 & 変更 (J50278) REDRAWN & REVISED		T.A. H.H. '95/4/24		適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	
GENERAL TOLERANCES		記号 LTR		変更内容 REVISION RECORD		DR. CHK DATE		適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	
一般公差		記号		変更内容		日付		適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	
SD-52044-**-45		C						適用電線範囲 WIRE RANGE		適用電線範囲 WIRE RANGE	