

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0520441245
Status: Active
Overview:
Description: 1.25mm (.049") Right Angle, Non-ZIF, Top Contact Style Receptacle, 12 Circuits

Agency Certification

UL E29179

General

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

Physical

Circuits (Loaded) 12
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

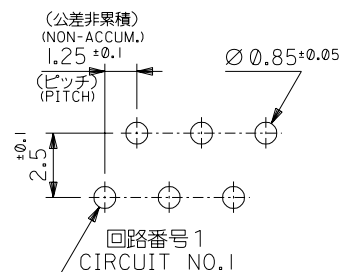
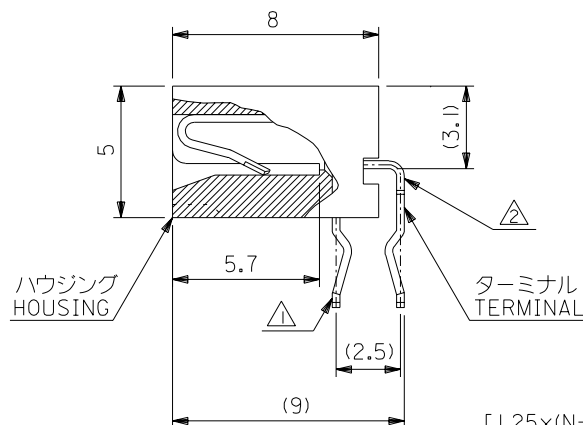
- △ 奇数極ソルダーテール。
ODD CIRCUIT SOLDER TAIL.
- △ 偶数極ソルダーテール。
EVEN CIRCUIT SOLDER TAIL.

3. 材質 MATERIAL

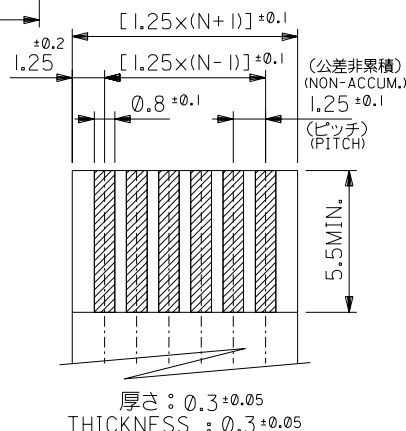
ターミナル：リン青銅 (t=0.3)
メッキ：錫メッキ 0.9 μm 以上
リフロー処理

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	材料 MATERIAL		モレックス日本株式会社 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	C 変更 REVIS (J2003-1115)		K.Y. '02/10/22	被覆外径 INS. RANGE		TITLE 名称	
10 以上 30 未満 UNDER		±0.25	B 変更 REVIS (J2002-1855)		K.Y. '02/2/1	DRAWN BY '95/4/24 T.ASAKAWA		I.25 FFC CONN. HS'G ASS'Y	
10 未満 UNDER		±0.2	A 再作図 & 変更 (J50278) REDRAWN & REVISED		T.A. '95/4/24	CHK'D BY '95/4/24 Y.M. HIRAMOTO		R/A. TYPE	
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD		日付 DATE	APP'D BY '95/4/24 M.FUKUSHIMA		DWG. NO.	
					DR. CHK.	尺度 SCALE 5 : 1		SD-52044-***45	
								REV C	