

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0520431719

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch FFC/FPC Connector, Through-Hole, Right Angle, ZIF, Bottom Contact Style Receptacle, 17 Circuits, Lead-free

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

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

52043Series

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

FFC/FPC Connectors

Series

52043

Overview

ffc_fpc_throughhole

Product Name

N/A

Physical

Circuits (Loaded)

17

Contact Position

Bottom

Durability (mating cycles max)

30

Entry Angle

90° Angle

Flammability

94V-0

Mated Height (in)

0.165 In

Mated Height (mm)

4.20 mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Tin-Bismuth

Material - Plating Termination

Tin-Bismuth

Material - Resin

Nylon, Polyester

Number of Rows

1

Orientation

Right Angle

PC Tail Length (in)

0.126 In

PC Tail Length (mm)

3.20 mm

PCB Retention

Yes

PCB Thickness Recommended (in)

0.063 In

PCB Thickness Recommended (mm)

1.60 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.039 In

Pitch - Mating Interface (mm)

1.00 mm

Polarized to PCB

No

Stackable

No

Temperature Range - Operating

-20°C to +80°C

Termination Interface: Style

Through Hole

Wire/Cable Type

FFC/FPC

Electrical

Current - Maximum per Contact

0.5A

Voltage - Maximum

50V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-52043

Product Specification

PS-52043-005, RPS-52043-005, RPS-52043-006

Sales Drawing

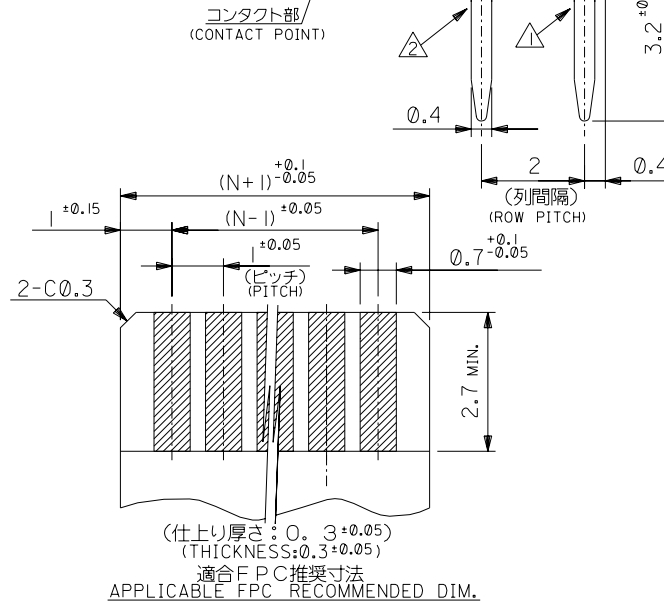
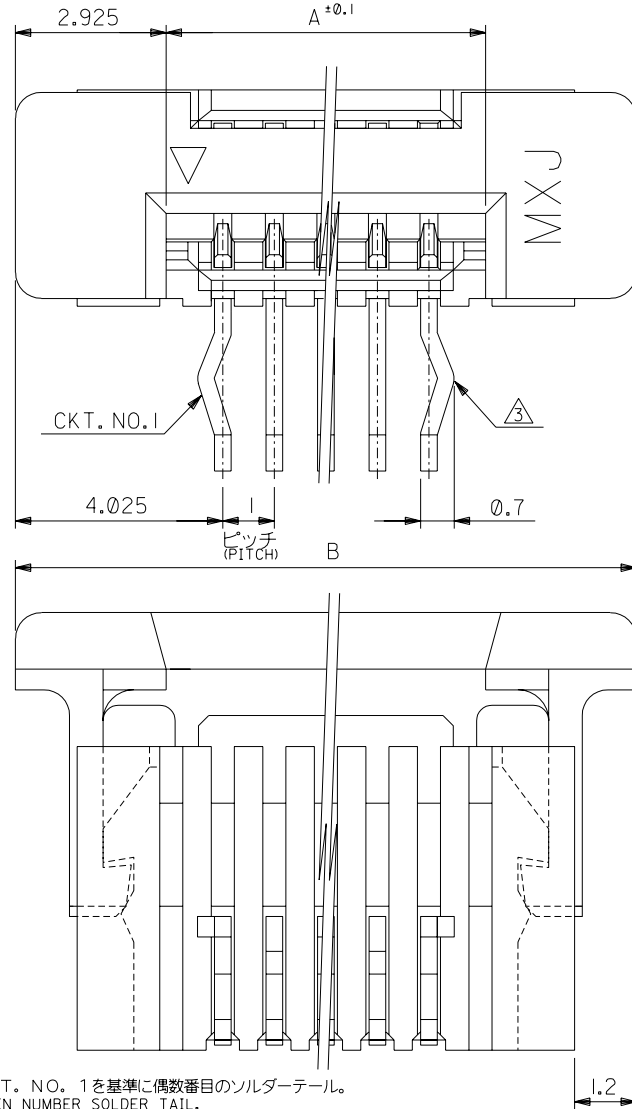
SD-52043-002

This document was generated on 06/04/2010

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注記:
NOTES:

- △ CKT. NO. 1を基準に偶数番目のソルダーテール。
EVEN NUMBER SOLDER TAIL.
- △ CKT. NO. 1を基準に奇数番目のソルダーテール。
ODD NUMBER SOLDER TAIL.
- △ ソルダーテールキックは、△のソルダーテールの両端部に設ける。
KICK TO BE APPLIED FOR THE BOTH END OF ODD NUMBER SOLDER TAIL
4. 材 料: ターミナル: リン青銅、ニッケル下地 銅ビスマスマッキ (t=0.32)
MATERIAL: TERMINAL: PHOSPHOR BRONZE, TIN-BISMUTH OVER NICKEL PLATING (t=0.32)
ハウジング: 66ナイロン、UL94V-0
HOUSING: 66NYLON, UL94V-0
アクチュエーター: ポリエステル、UL94V-0
ACTUATOR: POLYESTER, UL94V-0
5. 本製品は 52043-**-10 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52043-**-10.



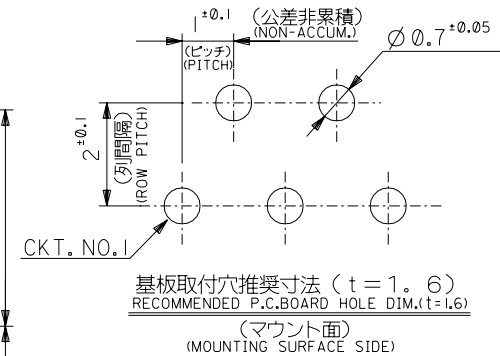
FPCについて:
打抜き方向は導体側から補強板を推奨致します。補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

ABOUT FPC:
RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT :
THERMOSETTING BONDING AGENT

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

材料 MATERIAL	仕上げ FINISH	適用電線範囲 WIRE RANGE	被覆外径 INS. RANGE	DRAWN BY '04/05/19 Y.WADA	CHK'D BY '04/05/19 M.SASAO
	—	—	—	APP'D BY '04/05/19 M.SASAO	尺度 SCALE 10:1
記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE		

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27.05	21.2	52043-2019	20
26.05	20.2	-1919	19
25.05	19.2	-1819	18
24.05	18.2	-1719	17
23.05	17.2	-1619	16
22.05	16.2	-1519	15
21.05	15.2	-1419	14
20.05	14.2	-1319	13
19.05	13.2	-1219	12
18.05	12.2	-1119	11
17.05	11.2	-1019	10
16.05	10.2	-0919	9
15.05	9.2	-0819	8
14.05	8.2	-0719	7
13.05	7.2	-0619	6
12.05	6.2	-0519	5
11.05	5.2	-0419	4
10.05	4.2	52043-0319	3
B	A	MATERIAL NO.	極数 CKT.

MODEL NO. 52043-**-19

MOLEX-JAPAN CO.,LTD.
日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称

I.O FPC CONN. Z.I.F. R/A
-LEAD FREE-

DWG. NO.

SD-52043-002

REV 0