

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0520431919

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch FFC/FPC Connector, Through-Hole, Right Angle, ZIF, Bottom Contact Style Receptacle, 19 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)	19
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

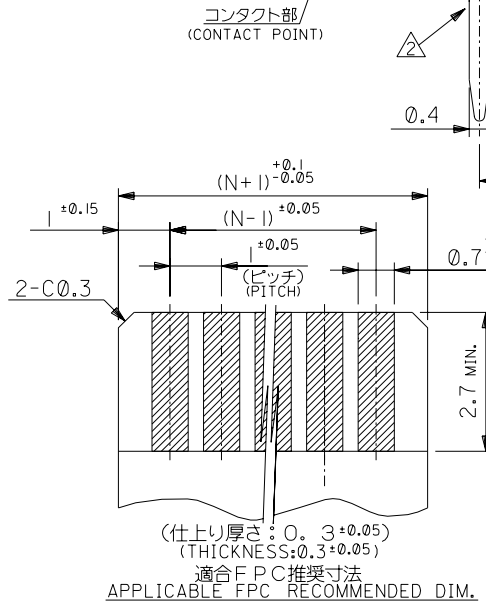
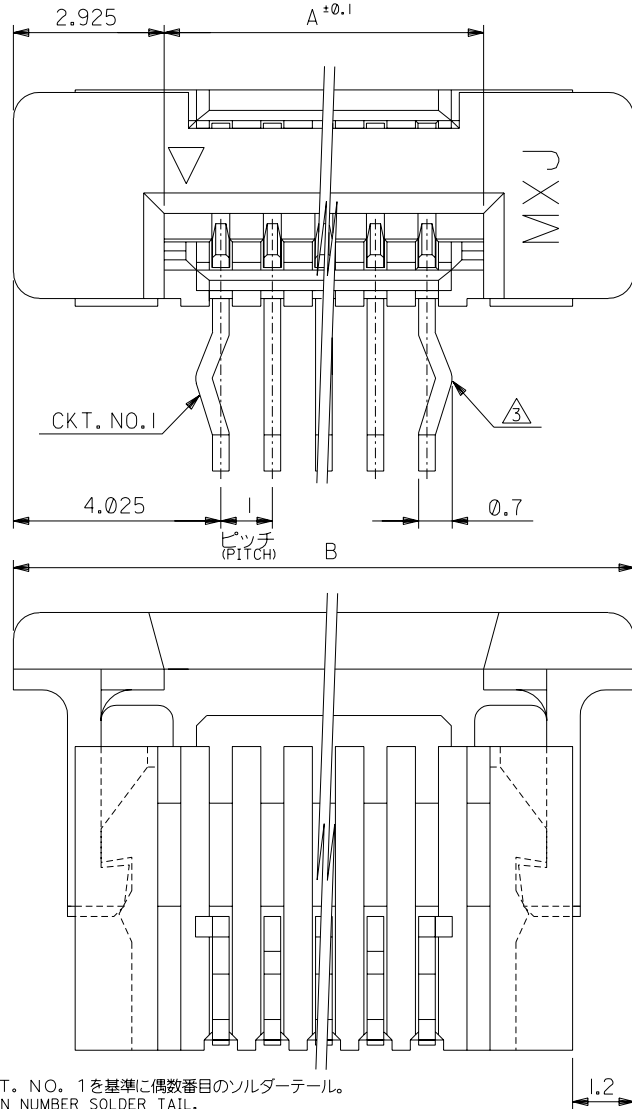
Packaging Specification	SPK-52043
Product Specification	PS-52043-005, RPS-52043-005, RPS-52043-006
Sales Drawing	SD-52043-002

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.



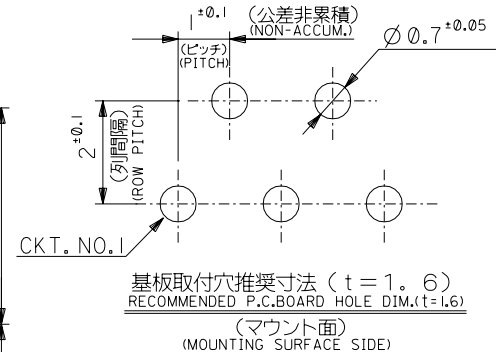
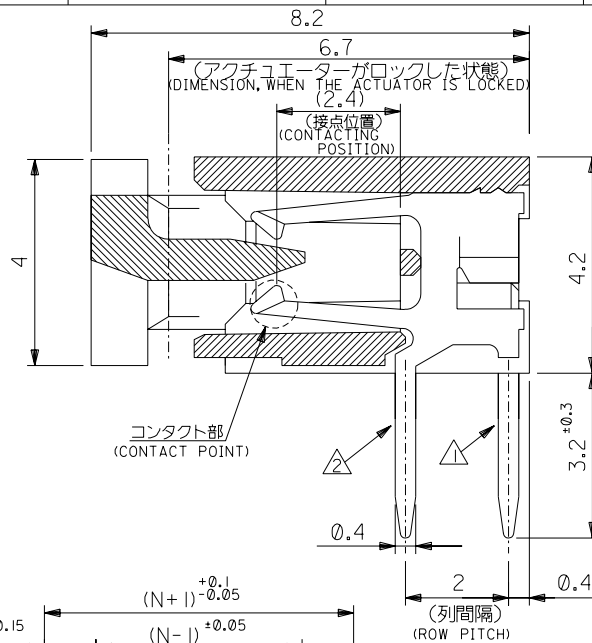
FPCについて:
打抜き方向は導体側から補強板を推奨致します。補強フィルム材質はポリイミドを推奨致します。
接着剤は熱硬化接着剤を推奨致します。

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	±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
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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