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Part Number: 0520431319
Status: Active
Overview:
Description: 1.00mm (.039") Pitch FFC/FPC Connector, Through-Hole, Right Angle, ZIF, Bottom Contact Style Receptacle, 13 Circuits, Lead-free

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
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)	13
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

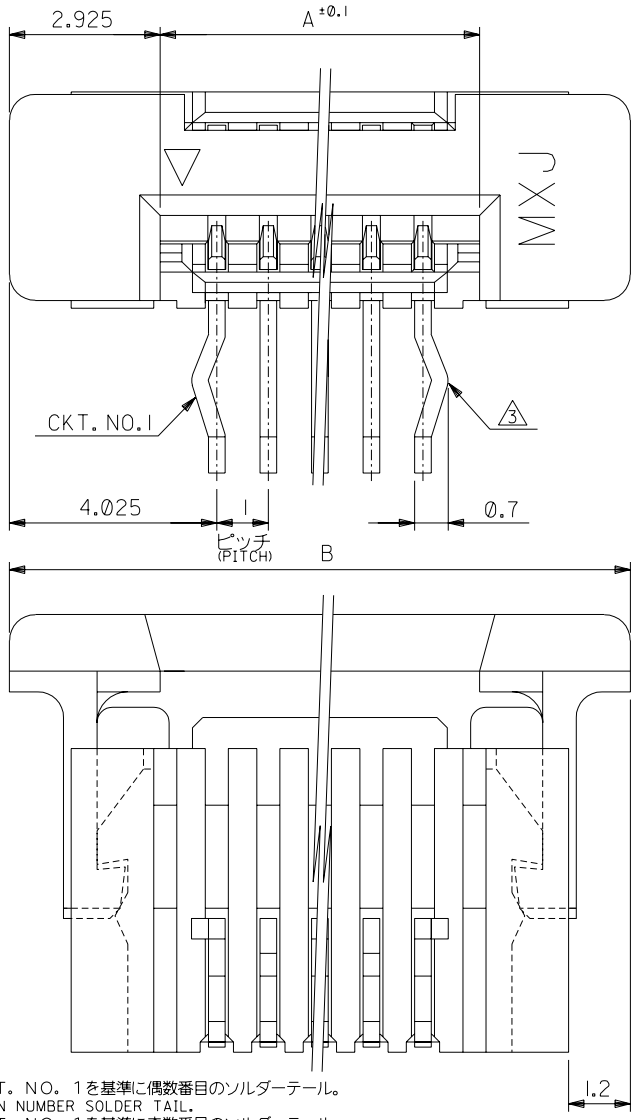
Material Info

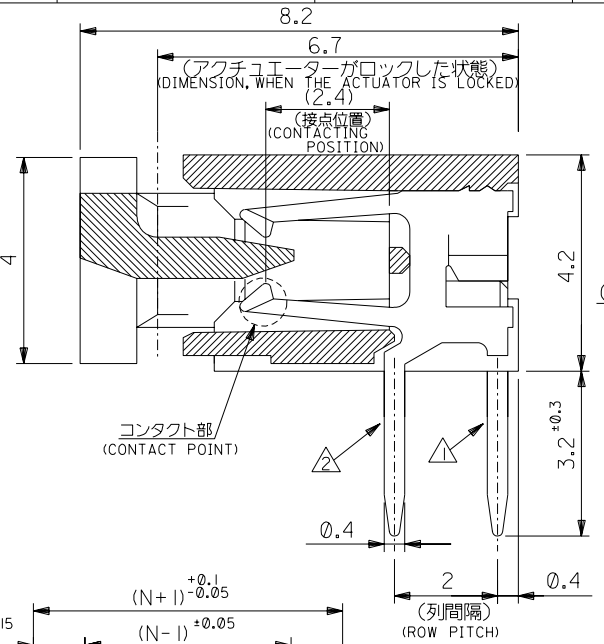
Reference - Drawing Numbers

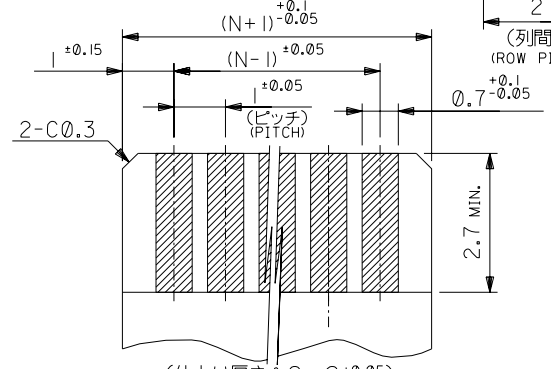
Packaging Specification	SPK-52043
Product Specification	PS-52043-005, RPS-52043-005, RPS-52043-006
Sales Drawing	SD-52043-002

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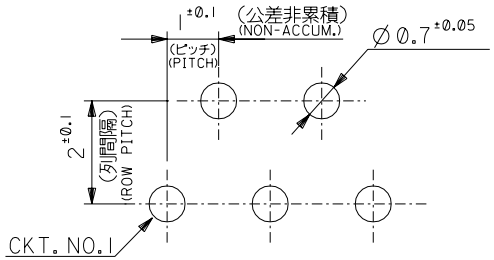
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(仕上り厚さ:0.3±0.05)
(THICKNESS:0.3±0.05)
適合FPC推奨寸法
APPLICABLE FPC RECOMMENDED DIM.



基板取付穴推奨寸法(t=1.6)
RECOMMENDED P.C.BOARD HOLE DIM.(t=1.6)
(マウント面)
(MOUNTING SURFACE SIDE)

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.

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

注記:
NOTES:
1. CKT. NO. 1を基準に偶数番目のソルダーテール。
EVEN NUMBER SOLDER TAIL.
2. CKT. NO. 1を基準に奇数番目のソルダーテール。
ODD NUMBER SOLDER TAIL.
3. ソルダーテールキンクは,2のソルダーテールの両端部に設ける。
KINK. 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 錫ビスマスメッキ(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.

一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
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	0	新規作成 RELEASED (J2004-4301)	Y.W M.S	'04/05/19

材料 MATERIAL	注記参照 SEE NOTES
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

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

DWG. NO. SD-52043-002 REV 0

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

DWG. NO. SD-52043-002

SD-52043-002.S01

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