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Part Number: 0520300929

Status: Active

Overview:

Description: 1.00mm (.039") Pitch FFC/FPC Connector, Through-Hole, Vertical, ZIF Receptacle, 9 Circuits, Lead-free

General

Product Family	FFC/FPC Connectors
Series	52030
Overview	ffc_fpc_throughhole
Product Name	N/A

Physical

Circuits (Loaded)	9
Contact Position	N/A
Durability (mating cycles max)	30
Entry Angle	Vertical
Mated Height (in)	0.205 In
Mated Height (mm)	5.20 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Nylon, Polyester
Number of Rows	1
Orientation	Vertical
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	1A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52030-001
Product Specification	PS-52030-004, RPS-52030-005, RPS-52030-006, RPS-52030-018, RPS-52030-019, RPS-52030-020, RPS-52030-021, RPS-52030-022, RPS-52030-023
Sales Drawing	SD-52030-017, SD-52030-020

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

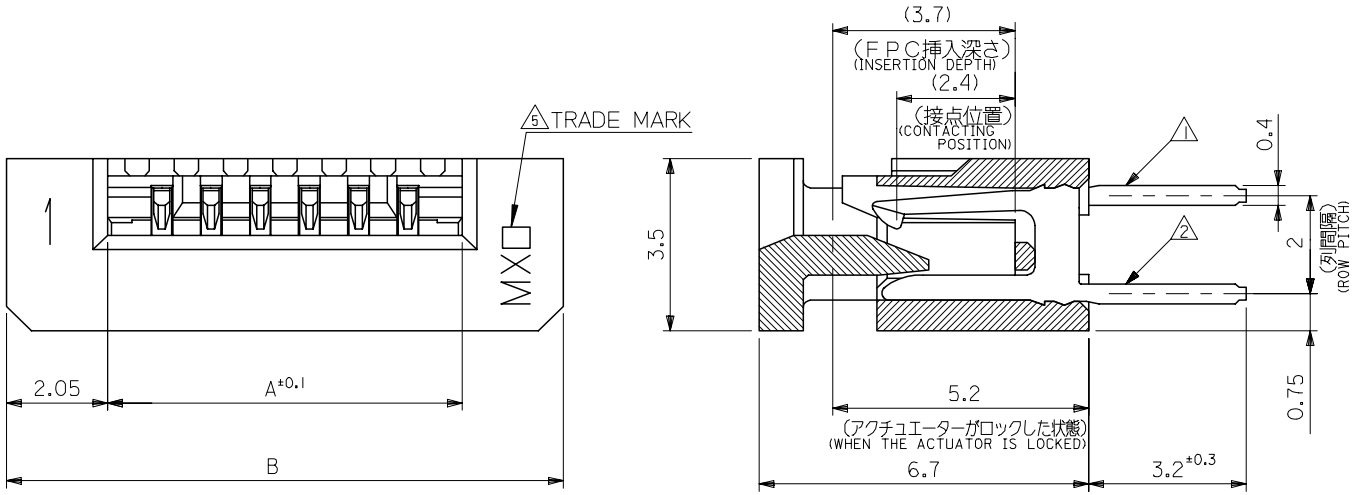
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

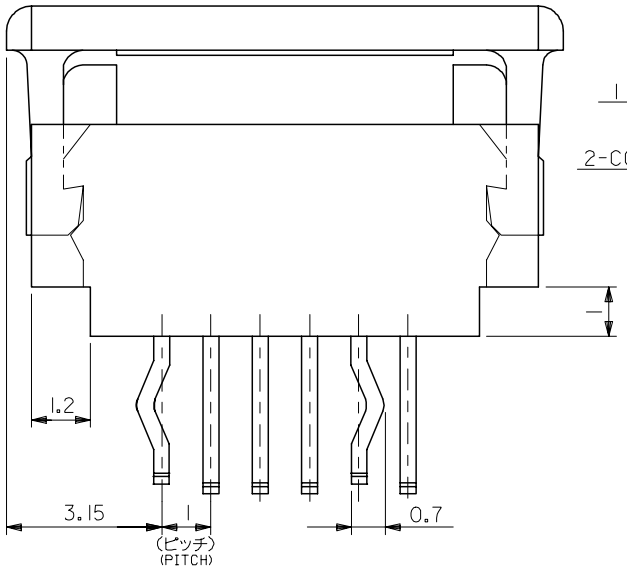
Please visit the Contact Us section for any non-product compliance questions.

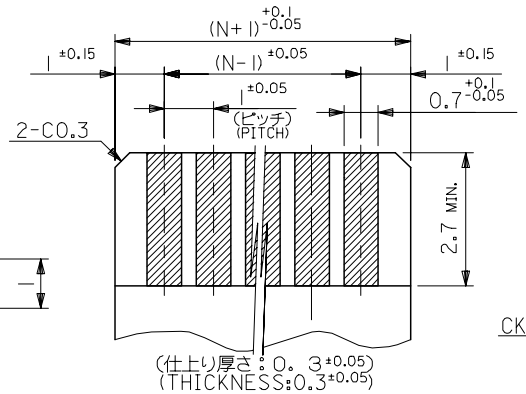
Search Parts in this Series
52030Series

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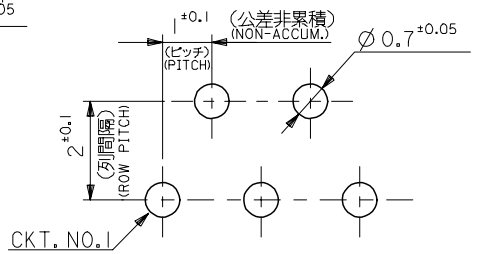
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適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIM.



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

5 TRADE MARK
MADE IN JAPAN:MXJ
MADE IN MALAYSIA:MXL

FPCについて:
打抜き方向は導体側から補強板側を推奨致します。
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 :FORM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED MATERIAL :
STIFFENER FILM : POLYIMIDE
BONDING AGENT : THEROSETTING BONDING AGENT

35.3	31.2	52030-3029	30
34.3	30.2	-2929	29
33.3	29.2	-2829	28
32.3	28.2	-2729	27
31.3	27.2	-2629	26
30.3	26.2	-2529	25
29.3	25.2	-2429	24
28.3	24.2	-2329	23
27.3	23.2	-2229	22
26.3	22.2	-2129	21
25.3	21.2	-2029	20
24.3	20.2	-1929	19
23.3	19.2	-1829	18
22.3	18.2	-1729	17
21.3	17.2	-1629	16
20.3	16.2	-1529	15
19.3	15.2	-1429	14
18.3	14.2	-1329	13
17.3	13.2	-1229	12
16.3	12.2	-1129	11
15.3	11.2	-1029	10
14.3	10.2	-0929	9
13.3	9.2	-0829	8
12.3	8.2	-0729	7
11.3	7.2	-0629	6
10.3	6.2	-0529	5
9.3	5.2	-0429	4
8.3	4.2	52030-0329	3
B	A	MATERIAL NO.	極数 CKT.

MODEL NO. 52030-**29

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. 材 料:
MATERIAL:
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)
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
4. 本製品は52030-**10の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52030-**10.

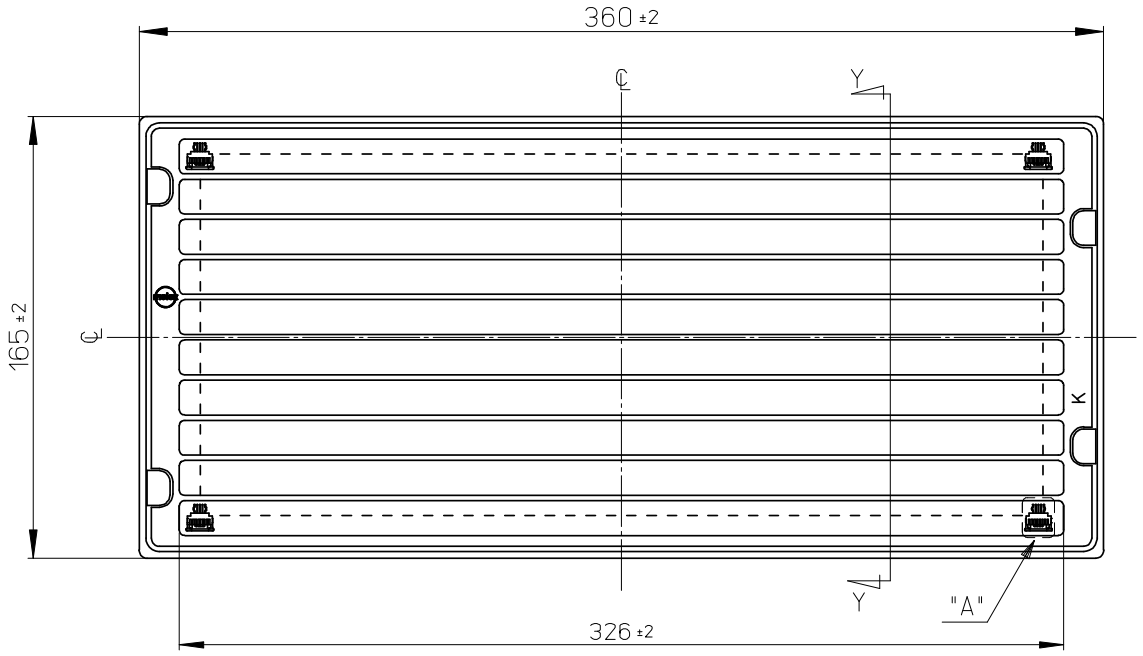
REVISED
EC NO: J2008-1613
DRWN:YAOYAGI 2007/10/30
CHKD:THARUYAMA 2007/10/30
APPR:NUKITA 2007/10/30
DESCRIPTION
REV B

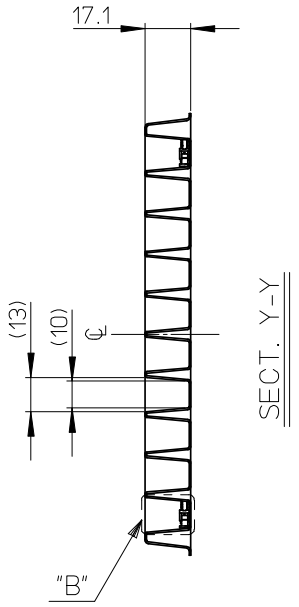
GENERAL TOLERANCES (UNLESS SPECIFIED)

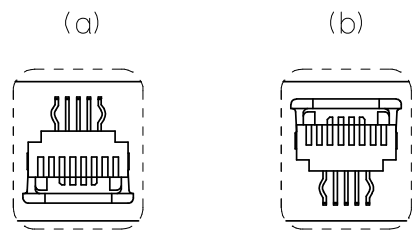
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

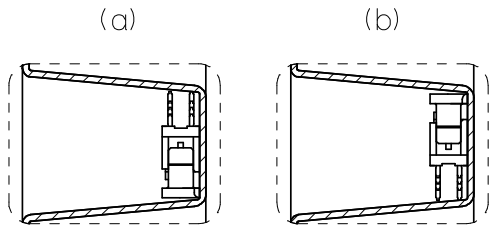
DIMENSION STYLE: MM ONLY	SCALE: 10:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: YWADA DATE: '04/03/29	TITLE: 1.0 FPC CONN ZIF ST -LEAD FREE-		
CHECKED BY: MSASAO DATE: '04/03/29			
APPROVED BY: MSASAO DATE: '04/03/29	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE TABLE	DOCUMENT NO.: SD-52030-017	SHEET NO.: 1 OF 1	
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



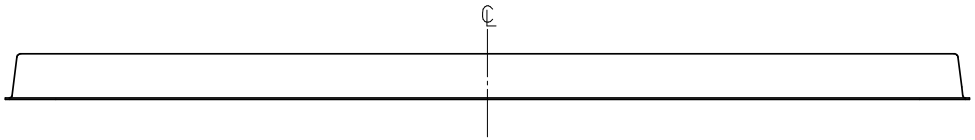




△4 DETAIL A
(SCALE 2:1)



△4 DETAIL B
(SCALE 2:1)



注記

1．一般公差：±0．5
GENERAL TOLERANCES:±0.5
2．各部の反りは2．0MAX．
WARP 2.0MAX.
3．梱包数：梱包仕様書「SPK−52030−001」参照
PACKAGING QUANTITY:PACKAGING SPEC.「SPK-52030-001」
△4 トレイの中の製品の向きは（a）又は（b）とし、かつ同一トレイ中の製品の向きはどちらか一方で統一
PRODUCT DIRECTION SHOULD BE (a) OR (b).
ALL PRODUCTS MUST FACED THE SAME DIRECTION IN THE TRAY.

52030-**29
適用製品番号
APPLICABLE PART No.

RELEASED
EC NO: J2008-4159
DRWN:Y.TOKUZONO 2008/06/17
CH'KD:T.HARUYAMA 2008/06/17
APPR:N.UKITA 2008/06/17
DESCRIPTION
REV 0

GENERAL TOLERANCES (UNLESS SPECIFIED)
10 UNDER ±---
10 OVER 30 UNDER ±---
30 OVER ±---
ANGULAR ±--- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 1:2	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: Y.TOKUZONO DATE: 2008/6/5	TITLE: TRAY FOR 52030 (1.0 FPC CONN. ZIF. ST.)		
CHECKED BY: T.HARUYAMA DATE: 2008/6/5			
APPROVED BY: N.UKITA DATE: 2008/6/5	molex MOLEX INCORPORATED		
MATERIAL NO.: 098910031	DOCUMENT NO.: SD-52030-020		SHEET NO.: 1 OF 1
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		