

## Excellent Integrated System Limited

Stocking Distributor

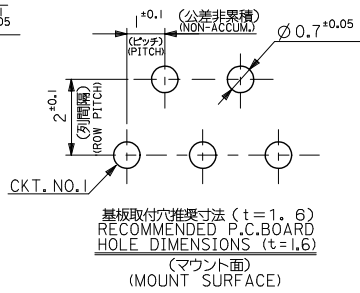
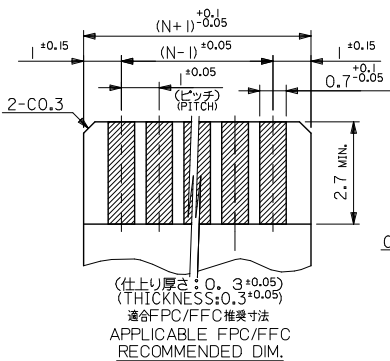
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0520302929](#)

For any questions, you can email us directly:

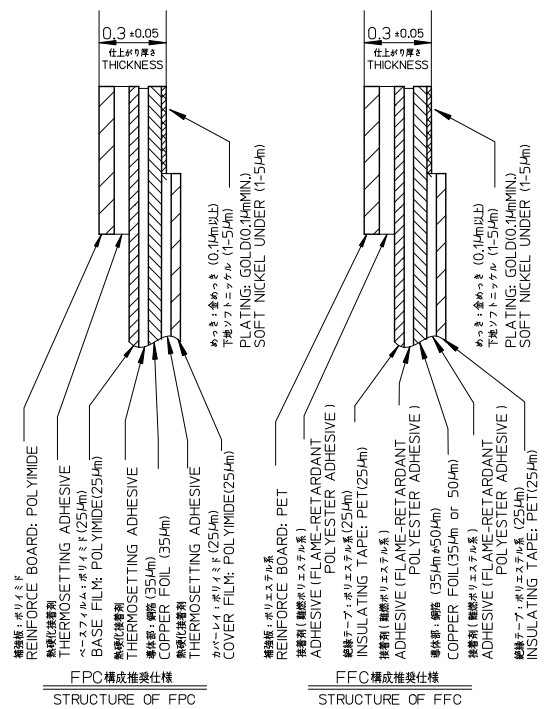
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

10 9 8 7 6 5 4 3 2 1



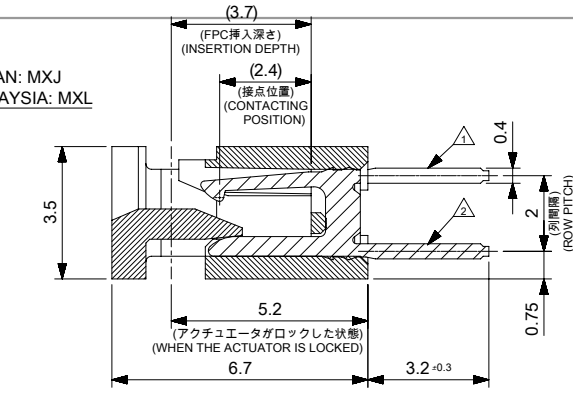
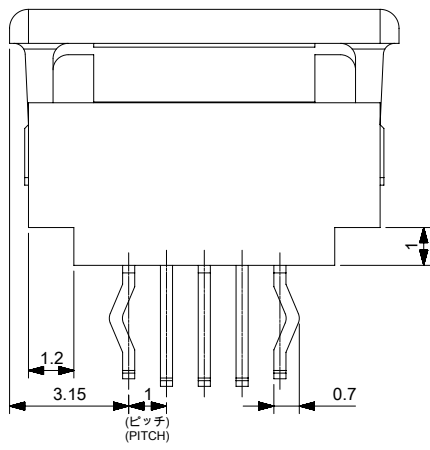
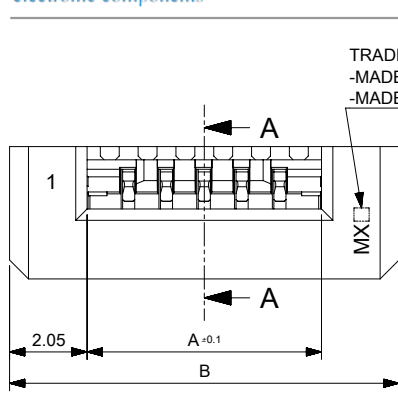
FPC/FFCについて  
打ち抜き方向は導体側から補強板側を推奨致します。  
導体部については軟烙銅35µmまたは50µmを推奨致します。  
接着剤の接点部への付着は導通不良の原因になりますので、染み出しが無い様お願い致します。  
FPC/FFCに規定された定格温度がFPC/FFC単体前提である場合が御座います。  
コネクタと組み合わせての実使用において、接着層が劣化する等の信頼性を満足できないケースを回避する為、  
実機での評価/確認をお願い致します。  
ABOUT FPC/FFC  
RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE  
RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL  
RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER  
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY THE HEAT RESISTANCE OF FFC IS ONLY FFC SPEC  
TO PREVENT THE CASE THAT RELIABILITY CANNOT BE SATISFIED (THE ADHESIVE IS DETERIORATED etc.) PLEASE DO THE EVALUATION AND THE CONFIRMATION WITH ACTUAL CONNECTER

FPCについて  
補強フィルム材質はポリイミドを推奨します。ベースフィルムは25µmを推奨します。  
接着剤は熱硬化接着剤を推奨します。  
ABOUT FPC  
RECOMMENDED STIFFENER MATERIAL: POLYIMIDE  
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER  
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE



REVISED		2015/10/20		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		MODEL NO.	
IEC NO. J2016-0404		2015/10/20		0.25 UNDER UNDER ±0.2		MM ONLY		10:1		METRIC		52030-***75	
DRAWN: NKONDO		2015/10/20		0.25 OVER 0.5 UNDER ±0.2		DRAWN BY DATE		10:1		THIRD ANGLE PROJECTION		1.0 FPC CONN ZIF ST	
CHKD: TAKAHASHI		2015/10/20		0.5 OVER 1.0 UNDER ±0.2		CHECKED BY DATE		10:1		THIRD ANGLE PROJECTION		-LEAD FREE-	
APPR: YNOGAWA		2015/10/21		1.0 OVER 10 UNDER ±0.2		APPROVED BY DATE		10:1		THIRD ANGLE PROJECTION		<b>molex</b>	
REV		DESCRIPTION		10 OVER 30 UNDER ±0.25		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		SD-52030-019	
A		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		30 OVER ±0.3		SEE SHEET 1		SD-52030-019		2 OF 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

9 8 7 6 5 4 3 2 1



注記  
NOTES

△ CKT.NO.1を基準に偶数番目のソルダーテール。  
EVEN NO. SOLDER TAIL.

△ CKT.NO.1を基準に奇数番目のソルダーテール。  
ODD NO. SOLDER TAIL.

3. 材料  
MATERIAL  
ターミナル:リン青銅、ニッケル下地、錫ビスマスめっき (t=0.32)  
TERMINAL:PHOSPHOR BRONZE, TIN-BISMUTH OVER NICKEL PLATING.  
ハウジング:66ナイロン、UL94V-0  
HOUSING:66NYLON, UL94V-0  
アクチュエータ:ポリエステル、UL94V-0  
ACTUATOR:POLYESTER, UL94V-0

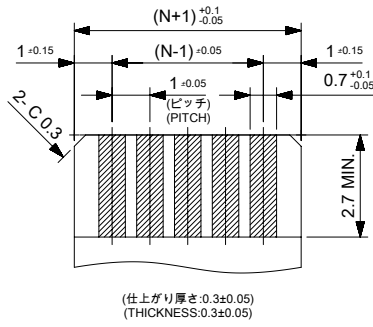
4. 本製品は、52030-\*\*10の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 52030-\*\*10.

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

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

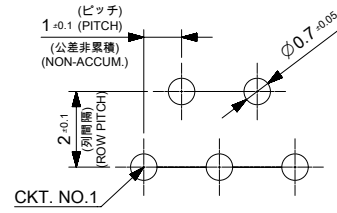
QUALITY SYMBOLS	EC NO. 102046 DRWN. JASANUMA CHKD. KTAKAHASHI APPR. YNOGAWA	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS: MM	SCALE: 10:1		
		ANGULAR TOL ± 3.0 ° 4 PLACES ± 0.2 3 PLACES ± 0.2 2 PLACES ± 0.2 1 PLACE ± 0.25 0 PLACES ± 0.3	DRWN BY: JASANUMA DATE: 2015/12/01 CHKD BY: KTAKAHASHI DATE: 2015/12/08 APPR BY: YNOGAWA DATE: 2015/12/09	PRODUCT CUSTOMER DRAWING 1.0 FPC CONN ZIF (ST)		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3	THIRD ANGLE PROJECTION	SERIES: 52030	MATERIAL NUMBER: SEE CHART	CUSTOMER: GENERAL	
			DOCUMENT NUMBER: 520301000	DOC TYPE: PSD	DOC PART: 000	SHEET NUMBER: 1 OF 2

RELEASE STATUS	P1	RELEASE DATE	09.12.2015	09:03:44
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(仕上がり厚さ: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)  
(MOUNT SURFACE)

FPCについて:

打ち抜き方向は、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: FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

RECOMMENDED MATERIAL:

STIFFENER FILM: POLYIMIDE

BONDING AGENT: THEROSETTING BONDING AGENT

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 □ = 0 ■ = 0 ▽ = 0		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 3.0 ° 4 PLACES ± 0.2 3 PLACES ± 0.2 2 PLACES ± 0.2 1 PLACE ± 0.25 0 PLACES ± 0.3		DIMENSION UNITS: MM SCALE: 1:1 DRWN BY: JASANUMA DATE: 2015/12/01 CHKD BY: KTAKAHASHI DATE: 2015/12/08 APPR BY: YNOGAWA DATE: 2015/12/09		<b>molex</b>  1.0 FPC CONN ZIF (ST)	
EC NO: 102046 DRWN: JASANUMA CHKD: KTAKAHASHI APPR: YNOGAWA		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION		PRODUCT CUSTOMER DRAWING		SERIES: 52030 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL	
RELEASE STATUS: P1 RELEASE DATE: 09.12.2015 09:03:44		DOCUMENT NUMBER: 520301000 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 2 OF 2							