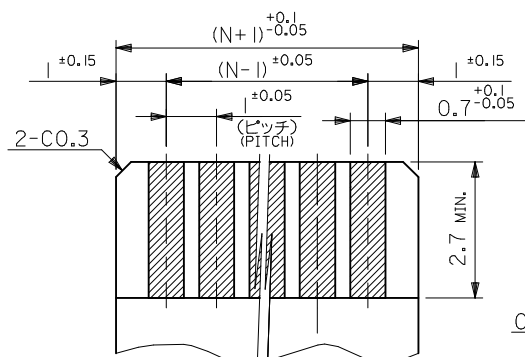
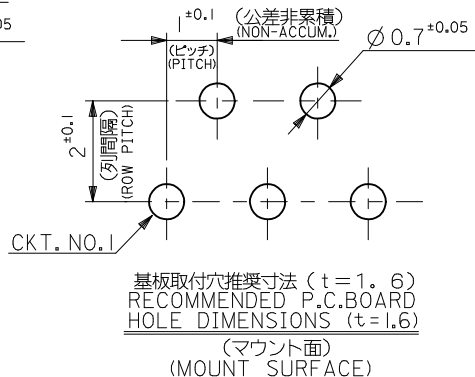




(仕上り厚さ: 0.3 ± 0.05)
(THICKNESS: 0.3 ± 0.05)
適合FPC/FFC推奨寸法
APPLICABLE FPC/FFC
RECOMMENDED DIM.



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)

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35 μ mまたは50 μ m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25 μ mを推奨します。

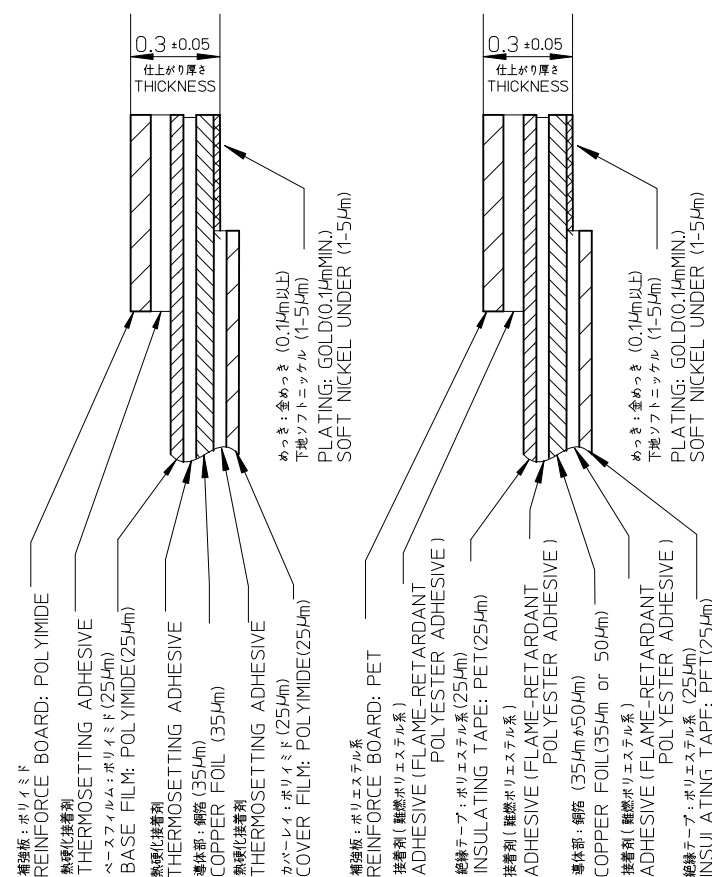
接着剤は熱硬化接着剤を推奨します。

ABOUT FPC

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

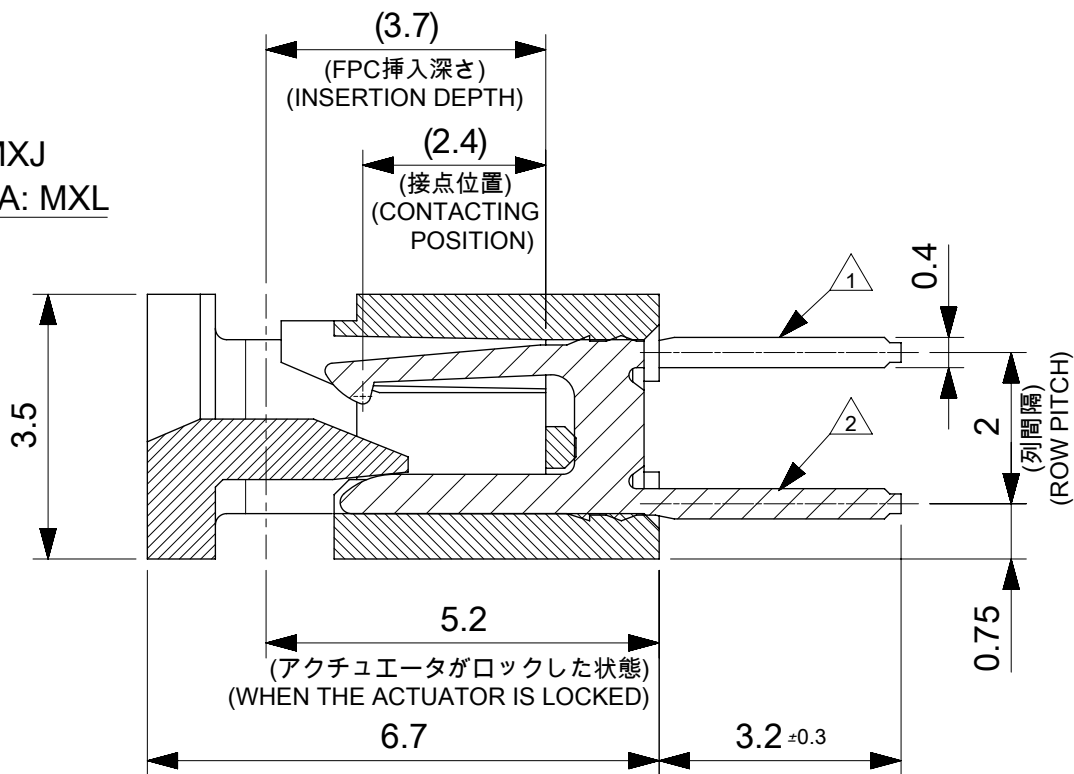
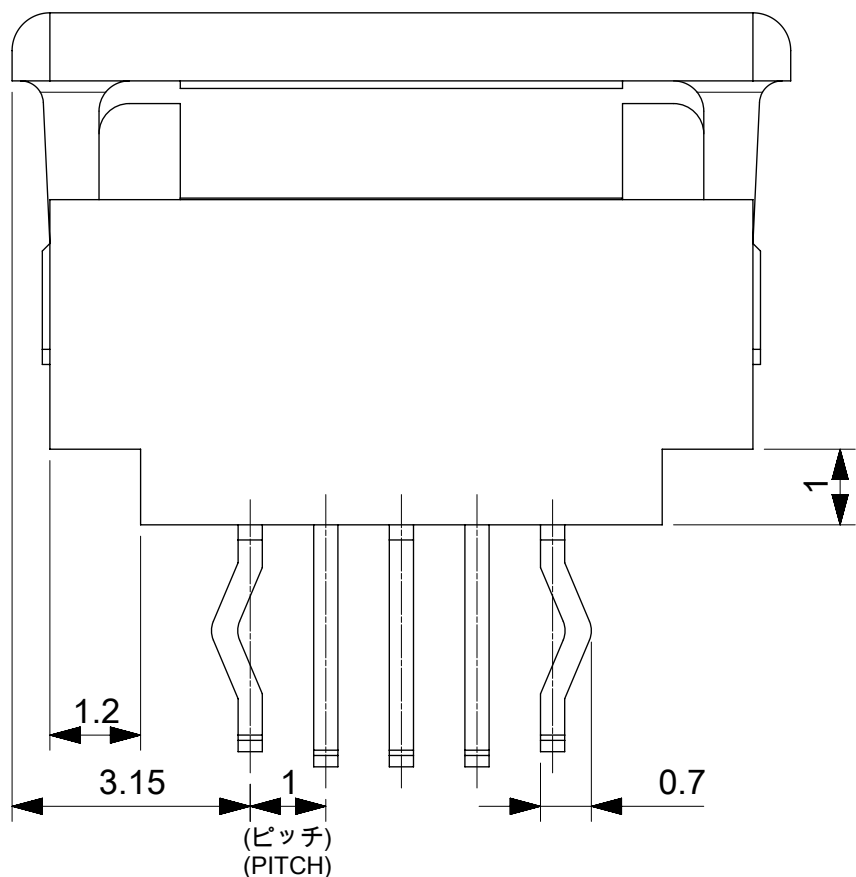
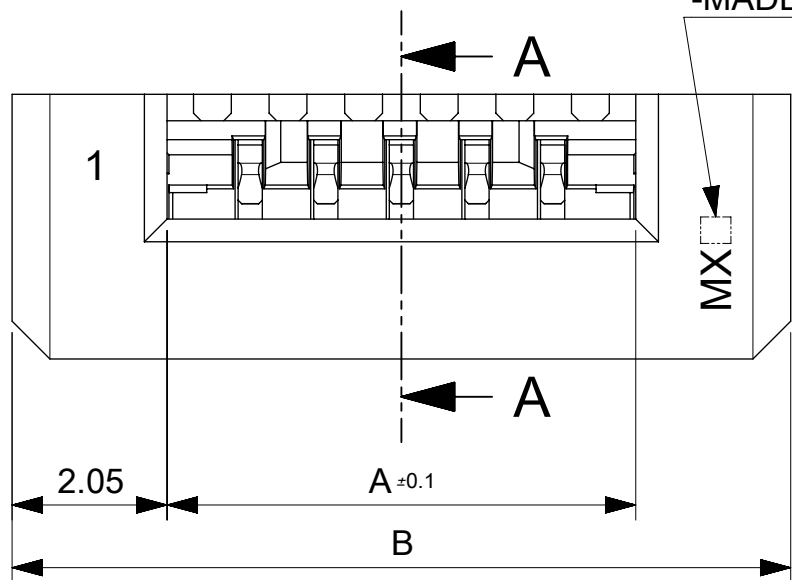
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE



FPC構成推奨仕様
STRUCTURE OF FPC

FFC構成推奨仕様
STRUCTURE OF FFC

REVISED	EC NO: J2016-0404	2015/10/20	DRWN: NKONDO	2015/10/20	CHKD: TAKAHASHI	2015/10/20	APPR: YNOGAWA	2015/10/21	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
										0.25 UNDER	UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.0 FPC CONN ZIF ST				
										0.25 OVER	0.5 UNDER	± 0.2	NKONDO	2015/10/20					
										0.5 OVER	1.0 UNDER	± 0.2	CHECKED BY	DATE	-LEAD FREE-				
										1.0 OVER	10 UNDER	± 0.2	KTAKAHASHI	2015/10/20					
										10 OVER	30 UNDER	± 0.25	APPROVED BY	DATE	molex				
										30 OVER		± 0.3	YNOGAWA	2015/10/21					
										ANGULAR ±3 °			MATERIAL NO.						DOCUMENT NO.
			SEE SHEET 1		SD-52030-019			2 OF 2											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
			A3																



注記
NOTES

SECTION A-A

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

△2 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

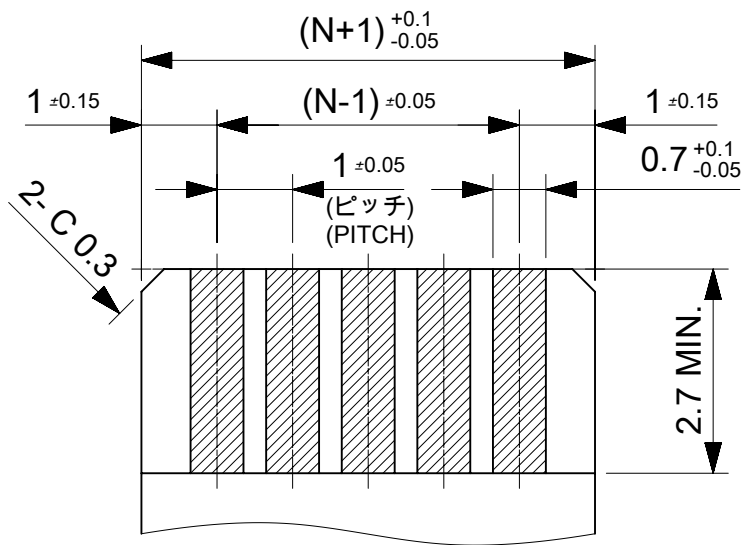
MATERIAL

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.

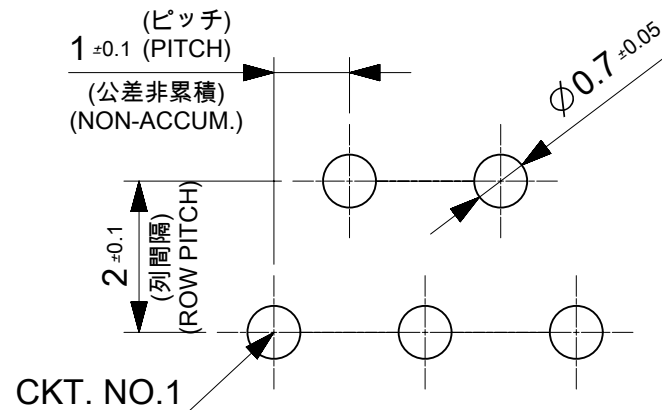
35.3	31.2	52030-3029	30
34.3	30.2	52030-2929	29
33.3	29.2	52030-2829	28
32.3	28.2	52030-2729	27
31.3	27.2	52030-2629	26
30.3	26.2	52030-2529	25
29.3	25.2	52030-2429	24
28.3	24.2	52030-2329	23
27.3	23.2	52030-2229	22
26.3	22.2	52030-2129	21
25.3	21.2	52030-2029	20
24.3	20.2	52030-1929	19
23.3	19.2	52030-1829	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		2015/12/01 2015/12/08 2015/12/09 EC NO: 102046 DRWN: JASANUMA CHK'D: KTAKAHASHI APPR: YNOGAWA A REV		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 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF (ST)						
						MM		10:1								
						DRWN BY		DATE								
								JASANUMA		2015/12/01		PRODUCT CUSTOMER DRAWING				
								CHK'D BY		DATE						
								KTAKAHASHI		2015/12/08		SERIES 52030 MATERIAL NUMBER SEE CHART CUSTOMER GENERAL				
								APPR BY		DATE						
								YNOGAWA		2015/12/09		DOCUMENT NUMBER 520301000 DOC TYPE PSD DOC PART 000 SHEET NUMBER 1 OF 2				
								DRAWING SIZE		THIRD ANGLE PROJECTION						
								A3								



(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。

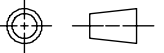
ABOUT FPC:

RECOMMENDED PUNCHER DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.

RECOMMENDED MATERIAL:

STIFFENER FILM: POLYIMIDE

BONDING AGENT: THEROSETTING BONDING AGENT

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 CHK'D: KTAKAHASHI APPR: YNOGAWA		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 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF (ST)							
 = 0						MM		1:1									
 = 0						DRWN BY JASANUMA DATE 2015/12/01											
 = 0						CHK'D BY KTAKAHASHI DATE 2015/12/08				PRODUCT CUSTOMER DRAWING							
 = 0						APPR BY YNOGAWA DATE 2015/12/09											
 = 0						DRAWING SIZE A3		THIRD ANGLE PROJECTION									
 = 0										SERIES 52030		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL			
 = 0										DOCUMENT NUMBER 520301000			DOC TYPE PSD	DOC PART 000	SHEET NUMBER 2 OF 2		