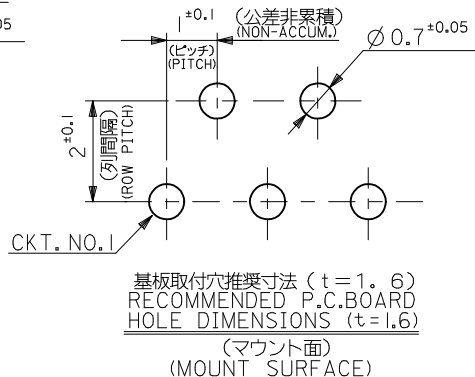
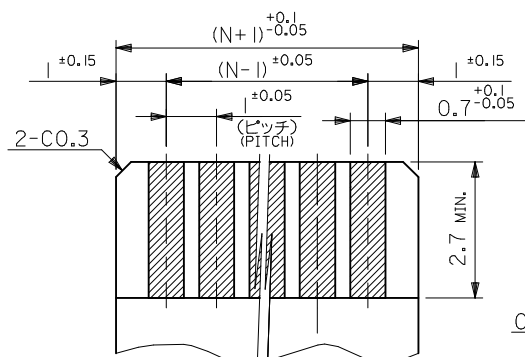




FPC/FFCについて

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。

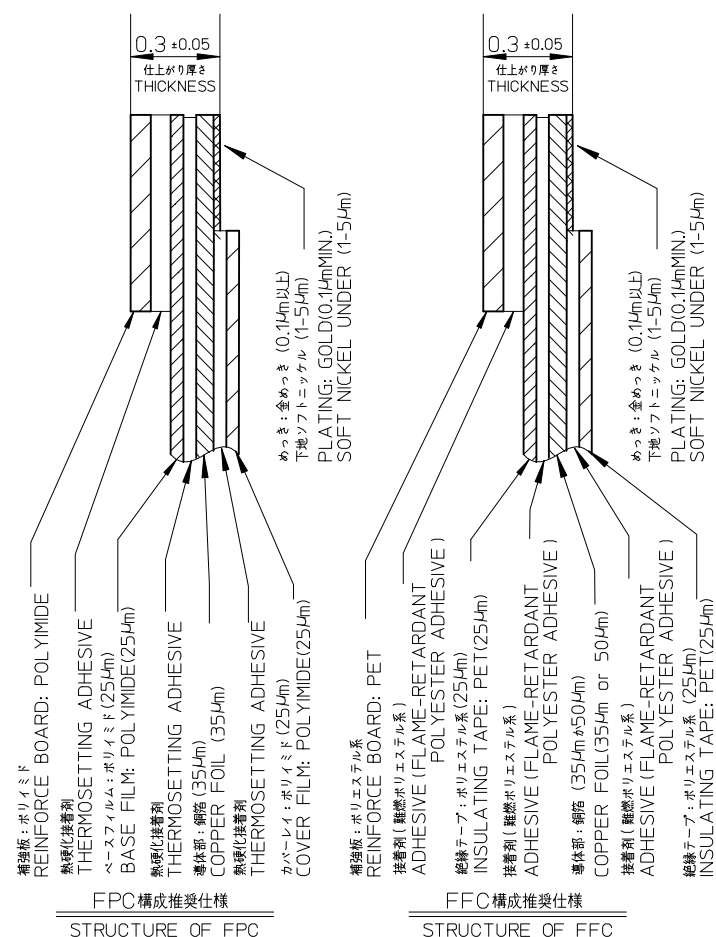
接着剤は熱硬化接着剤を推奨します。

ABOUT FPC

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

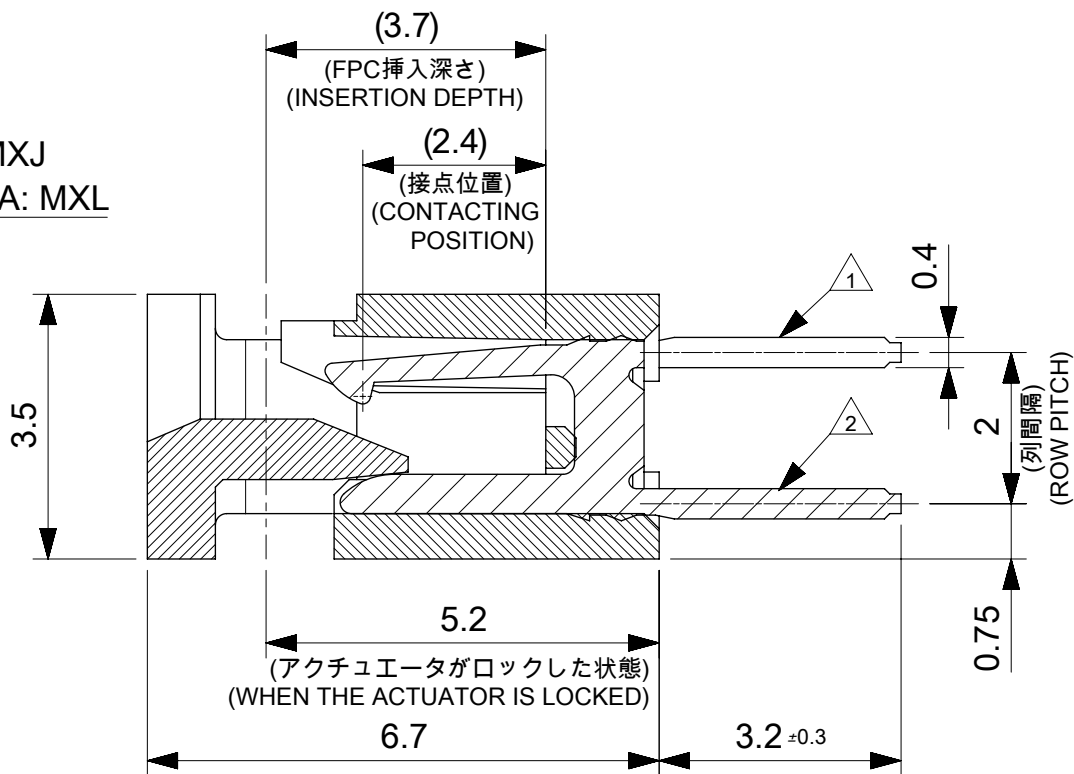
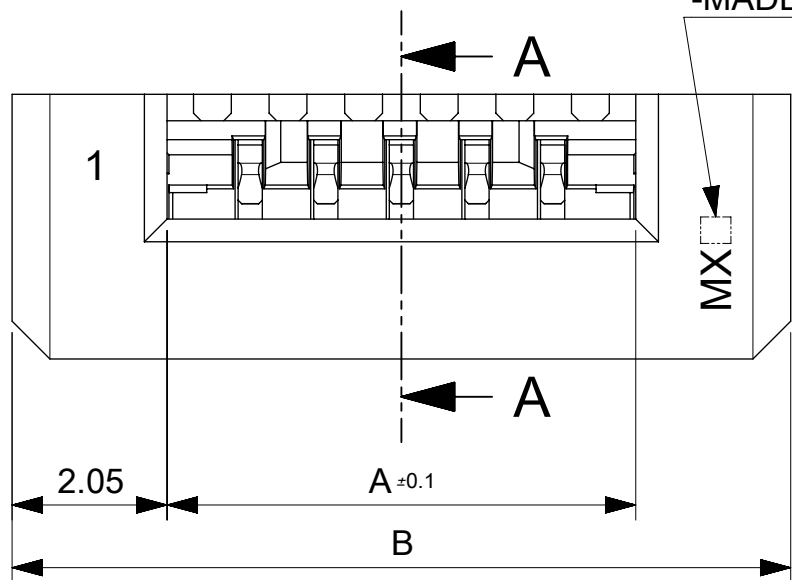
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE



FPC構成推奨仕様
STRUCTURE OF FPC

FFC構成推奨仕様
STRUCTURE OF FFC

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	MODEL NO.	52030-**75
EC NO: J2016-0404	2015/10/20	0.25 UNDER	UNDER	±0.2	DRAWN BY	DATE	TITLE	1.0 FPC CONN ZIF ST	
DRWN: NKONDO	2015/10/20	0.25 OVER	0.5 UNDER	±0.2	CHKD: KTAKAHASHI	DATE		-LEAD FREE-	
CH'D: KTAKAHASHI	2015/10/20	0.5 OVER	1.0 UNDER	±0.2	APPR: YNOGAWA	DATE		molex	
APPR: YNOGAWA	2015/10/21	1.0 OVER	10 UNDER	±0.2	MATERIAL NO.		DOCUMENT NO.	SD-52030-019	SHEET NO.
		10 OVER	30 UNDER	±0.25	SEE SHEET 1				2 OF 2
		30 OVER		±0.3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		ANGULAR	±3 °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							



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.

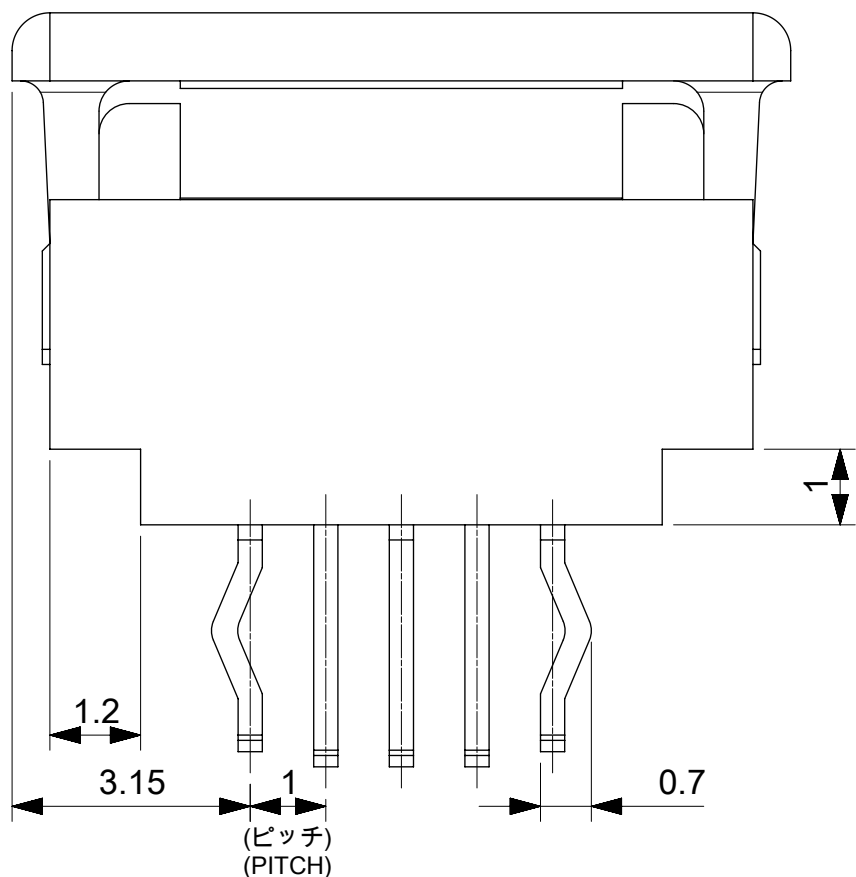
3. 材料

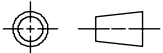
MATERIAL

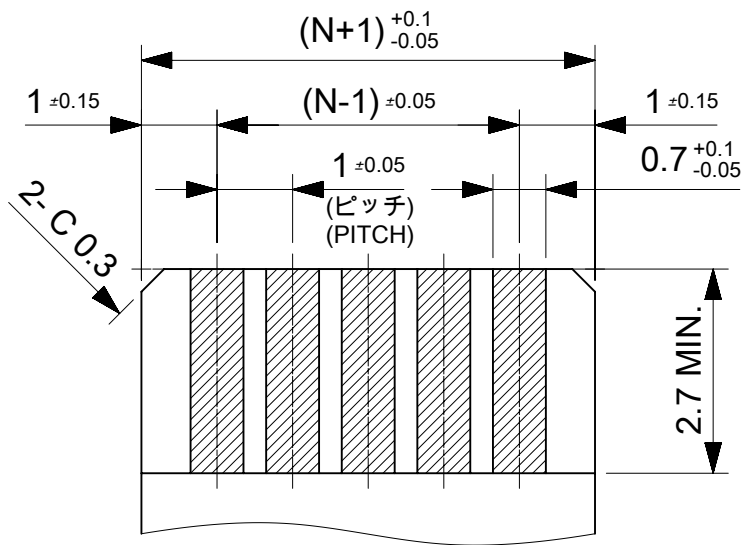
ターミナル:リン青銅、ニッケル下地、錫ビスマスめっき (t=0.32)
TERMINAL:PHOSPHOR BRONZE, TIN-BISMUTH OVER NICKEL PLATING.
ハウジング:66ナイロン、UL94V-0
HOUSING:66NYLON, UL94V-0
アクチュエータ:ポリエステル、UL94V-0
ACTUATOR:POLYESTER, UL94V-0

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.

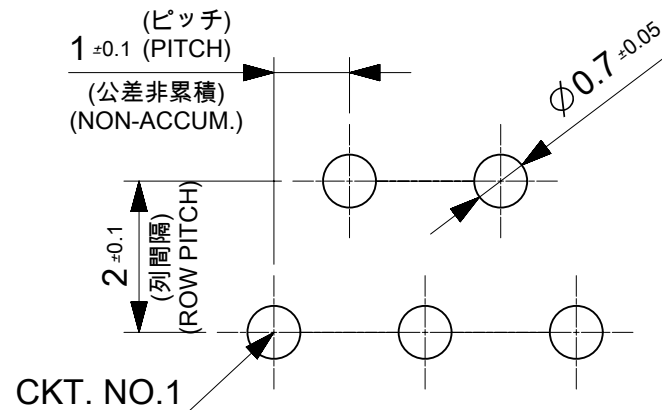


QUALITY SYMBOLS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
 = 0	EC NO: 102046 DRWN: JASANUMA CHK'D: KTAKAHASHI APPR: YNOGAWA	2015/12/01 2015/12/08 2015/12/09	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF (ST)									
 = 0					MM		10:1											
 = 0					DRWN BY										DATE			
 = 0					JASANUMA										2015/12/01			
 = 0			ANGULAR TOL ± 3.0 °		CHK'D BY				DATE				PRODUCT CUSTOMER DRAWING					
 = 0			4 PLACES ± 0.2		KTAKAHASHI				2015/12/08									
 = 0			3 PLACES ± 0.2		APPR BY				DATE									
 = 0			2 PLACES ± 0.2		YNOGAWA				2015/12/09									
 = 0			A	REV	1 PLACE ± 0.25		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER			
					0 PLACES ± 0.3		A3				52030		SEE CHART		GENERAL			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER			
									520301000		PSD		000		1 OF 2			



(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。

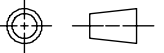
ABOUT FPC:

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 REV 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						A		REV		SERIES 52030		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL			
 = 0										DOCUMENT NUMBER 520301000		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 2 OF 2	
 = 0																	