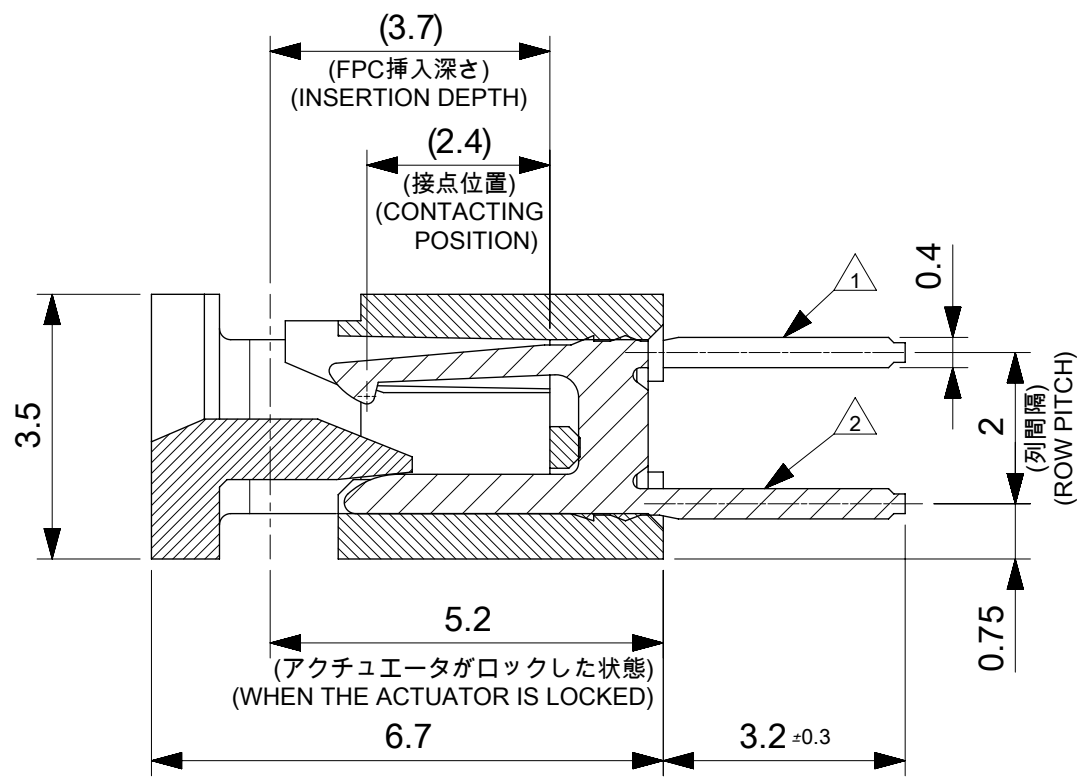
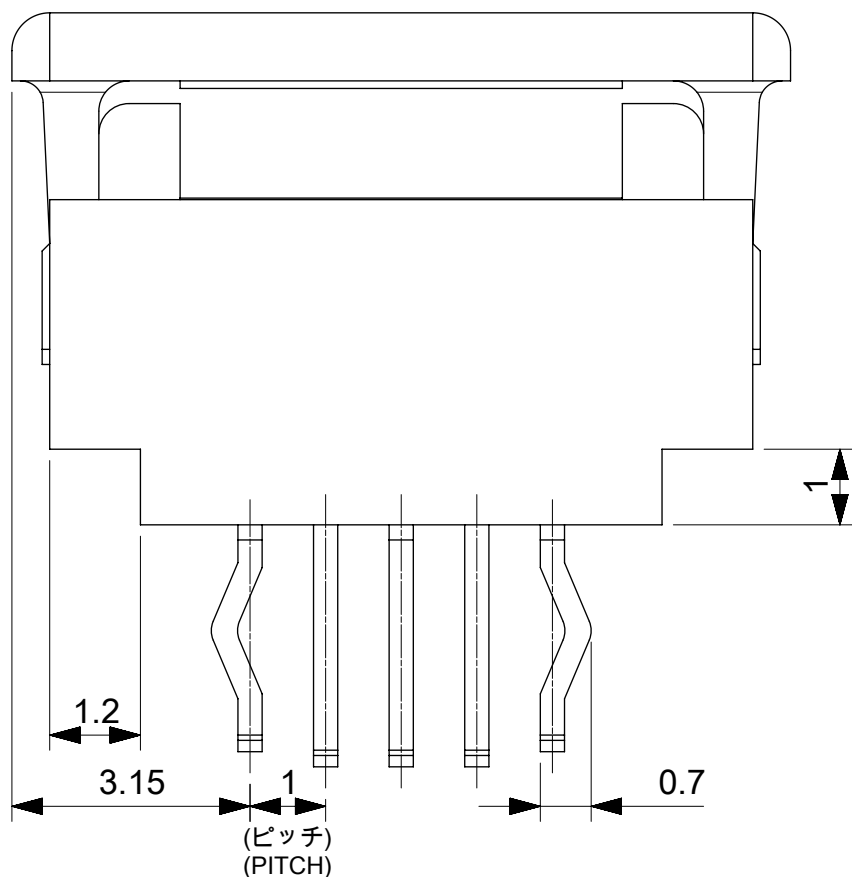
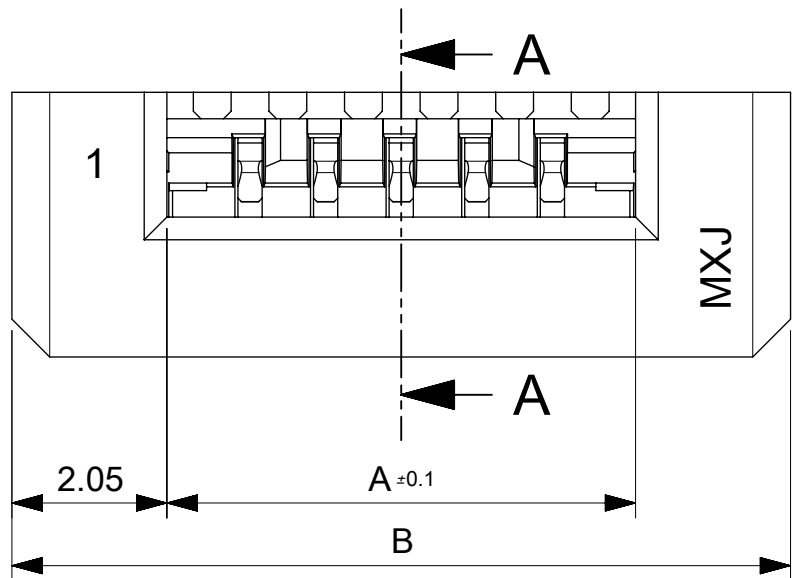


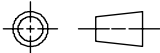


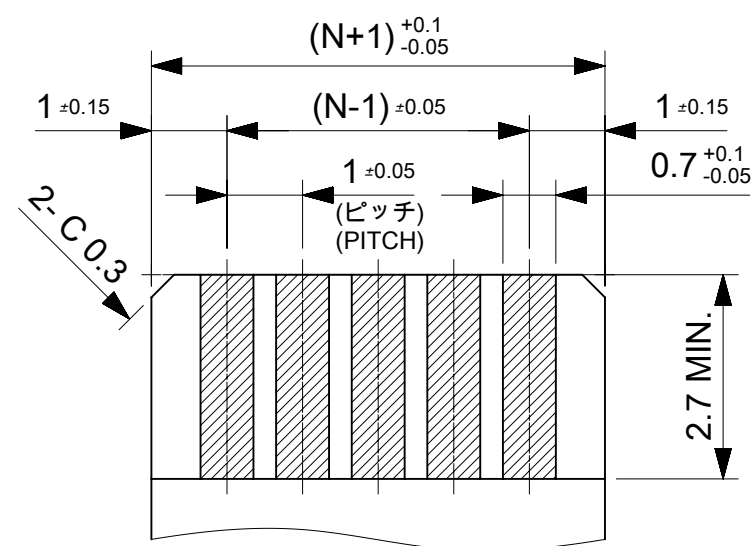
SECTION A-A

注記 NOTES

- △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
ハウジング：ポリアミド(PA)、ナチュラル、UL94V-0
HOUSING：POLYAMIDE, NATURAL, UL94V-0
アクチュエータ：ポリエステル(PBT)、
ナチュラル、UL94V-0
ACTUATOR：POLYBUTYLENE TEREPHTHALATE,
NATURAL, UL94V-0
ターミナル：リン青銅(t=0.32)
TERMINAL：PHOSPHOR BRONZE(t=0.32)
4. めっき仕様 PLATING
ターミナル TERMINAL
接点部：金めっき(0.1μm以上)
CONTACT AREA：GOLD PLATING(0.1μm MIN.)
テール部：錫めっき(1.0μm以上)
TAIL AREA：TIN PLATING(1.0μm MIN.)
下地：ニッケルめっき(1.0μm以上)
UNDER PLATING：NICKEL PLATING(1.0μm MIN.)
5. 本製品は、52030シリーズの金めっき品である。
THIS PRODUCT IS GOLD PLATING OF 52030.

25.3	21.2	52030-2075	20
22.3	18.2	52030-1775	17
21.3	17.2	52030-1675	16
20.3	16.2	52030-1575	15
18.3	14.2	52030-1375	13
17.3	13.2	52030-1275	12
16.3	12.2	52030-1175	11
15.3	11.2	52030-1075	10
14.3	10.2	52030-0975	9
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												
REVISED	EC NO: 112372 DRWN: MTAKAHASHI04 CHK'D: YKOBAYASHI02 APPR: TKUSUHARA01	2017/01/13 2017/01/13 2017/01/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® 1.0 FPC CONN ZIF (ST)			
					MM		10:1					
			ANGULAR TOL ± 3.0 °		DRWN BY		DATE					
					JASANUMA		2015/12/04					
			4 PLACES ± 0.2		CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING			
			3 PLACES ± 0.2		KTAKAHASHI		2015/12/08					
			2 PLACES ± 0.2		APPR BY		DATE					
	1 PLACE ± 0.25		YNOGAWA		2015/12/09		SERIES 52030					
	0 PLACES ± 0.3		DRAWING SIZE		THIRD ANGLE PROJECTION							
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3				DOCUMENT NUMBER 520301001		DOC TYPE PSD	DOC PART 000	SHEET NUMBER 1 OF 2	



(仕上がり厚さ:0.3±0.05)
(THICKNESS:0.3±0.05)

適合FPC/FFC推奨寸法
APPLICABLE FPC/FFC RECOMMENDED DIM.

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箔銅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

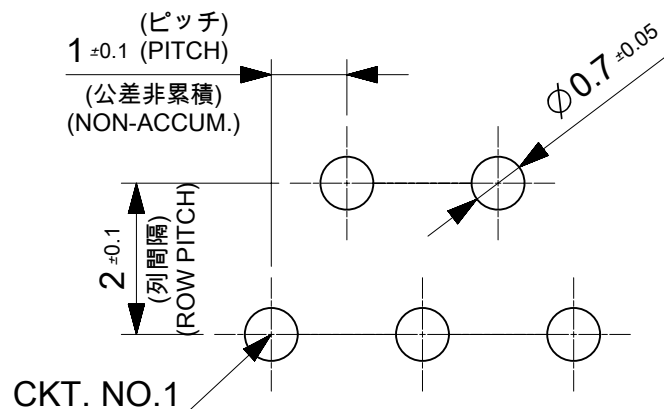
補強フィルム材質はポリイミドを推奨します。ベースフィルムは25μmを推奨します。
接着剤は熱硬化接着剤を推奨します。

ABOUT FPC

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE



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)

補強板：ポリイミド
REINFORCE BOARD: POLYIMIDE

熱硬化接着剤

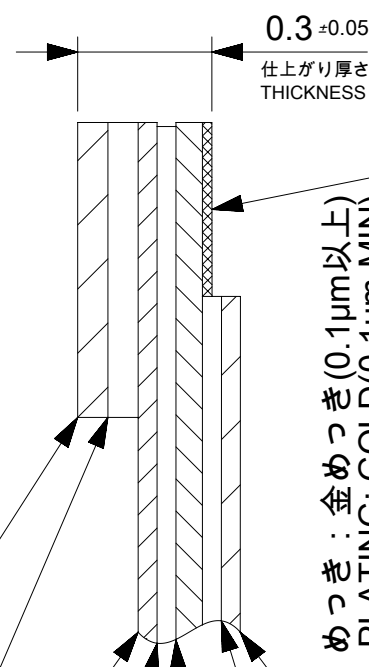
ベースフィルム：ポリイミド(25μm)
BASE FILM: POLYIMIDE(25μm)

熱硬化接着剤
THERMOSET

導体部：銅箔(35μm)
COPPER FOIL (35μm)

熱硬化接着剤
THERMOSET

カバーレイ : ポリイミド(25μm)
COVER FILM: POLYIMIDE(25μm)



めっき : 金めっき(0.1μm以上)
PLATING: GOLD(0.1μm MIN)
下地ソフトニッケル(1-5μm)
SOFT NICKEL UNDER(1-5μm)

補強板：ポリエステル系
REINFORCE BOARD: PE

接着剤(難燃ポリイソテル系)
ADHESIVE (FLAME-RETARANT
POLYESTER ADHESIVE)

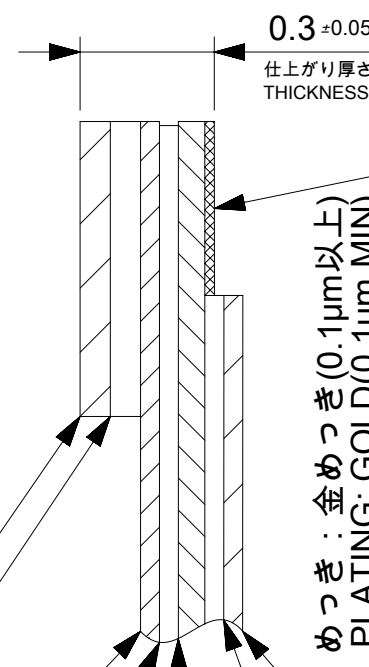
絶縁テープ：ポリエステル系(25μm)
INSULATING FILM: PET(25μm)

接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT
POLYESTER ADHESIVE)

導体部：銅箔(35μmか50μm)
COPPER FOIL (35μm or 50μm)

接着剤(難燃ポリエステル系)
ADHESIVE (FLAME-RETARDANT-
POLYESTER ADHESIVE)

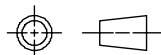
絶縁テープ：ポリエステル系(25μm)
INSULATING FILM: PET(25μm)



めっき : 金めっき (0.1μm以上)
PLATING: GOLD(0.1μm MIN)
下地ソフトニッケル(1-5μm)
SOFT NICKEL UNDER(1-5μm)

FPC構成推奨仕様
STRUCTURE OF FPC

FFC構成推奨仕様
STRUCTURE OF FFC

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REVISED	EC NO: 112372	2017/01/13	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		molex®				
	DRWN: MTAKAHASHI04	2017/01/13		MM		1:1						
	CHK'D: YKOBAYASHI02	2017/01/13		DRWN BY		DATE		1.0 FPC CONN ZIF (ST)				
	APPR: TKUSUHARA01	2017/01/13		JASANUMA		2015/12/04						
	ANGULAR TOL ± 3.0 °			CHK'D BY		DATE						
	4 PLACES	± 0.2		KTAKAHASHI		2015/12/08						
	3 PLACES	± 0.2		APPR BY		DATE		PRODUCT CUSTOMER DRAWING				
	2 PLACES	± 0.2		YNOGAWA		2015/12/09						
	1 PLACE	± 0.25		DRAWING SIZE		THIRD ANGLE PROJECTION						
	0 PLACES	± 0.3		A3				SERIES	MATERIAL NUMBER		CUSTOMER	
B	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				52030	SEE CHART		GENERAL			
						DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER			
						520301001	PSD	000	2 OF 2			