

FPC/FFCについて ABOUT FPC/FFC

打ち抜き方向は導体側から補強板側を推奨します。
導体部については軟箔銅35 μ mまたは50 μ mを推奨します。
FFCに規定された定格温度が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用に置いて、接着層が劣化するなどの信頼性を満足できないケースを回避するため、実機での評価/確認をお願い致します。

RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE

RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL

RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER

NOTE: WHEN ACTUALLY USING IT WITH CONNECTOR, PLEASE DO THE EVALUATION AND THE CONFIRMATION WITH AN ACTUAL EQUIPMENT TO EVADE THE CASE WHERE RELIABILITY CANNOT BE FILLED (THE ADHESIVE LINE OF FFC IS DETERIORATED ETC.)

FPCについて ABOUT FPC

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。

尚、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。

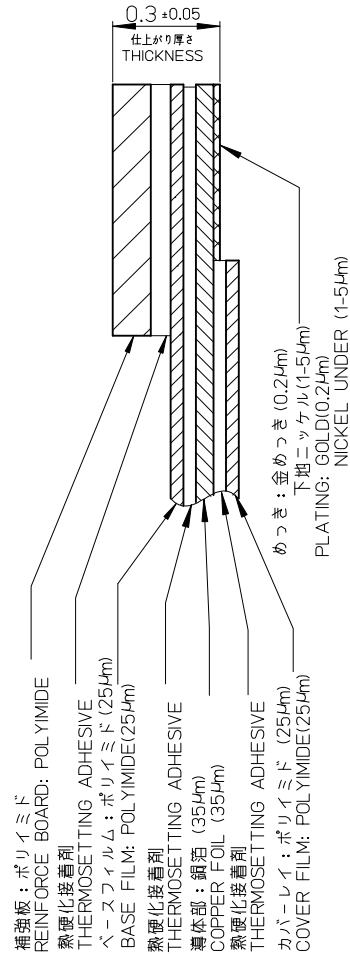
RECOMMENDED MATERIAL/THICKNESS.

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

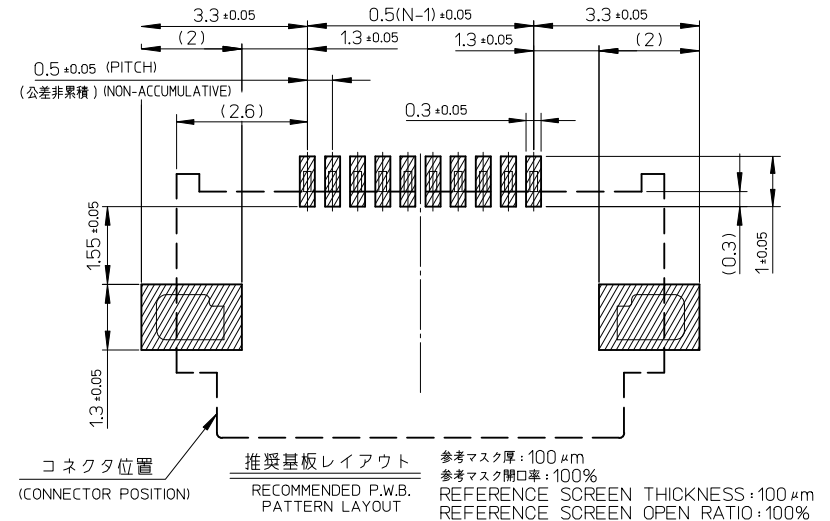
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE

NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY. THERE IS A POSSIBILITY THAT THE PRESCRIPT TEMPERATURE OF FFC IS SET TO SINGLE IT.



FPC構成推奨仕様
STRUCTURE OF FPC



適合FPC/FFC推奨寸法
APPLICABLE FPC/FFC
RECOMMENDED DIMENSION

(): FFCに適用
(): APPLY TO FFC

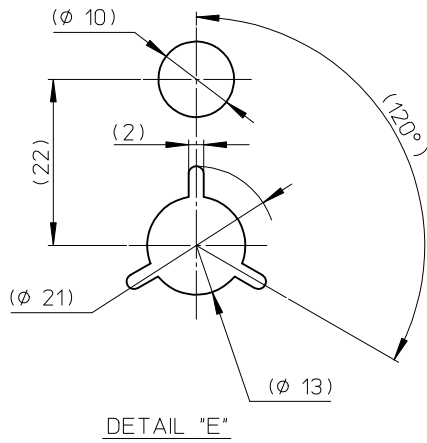
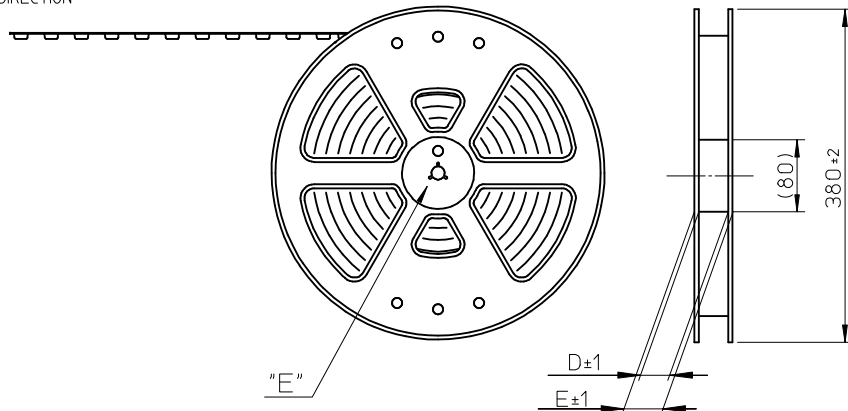
耳無し適合FPC/FFC推奨寸法
APPLICABLE NON-TAB FPC/FFC
RECOMMENDED DIMENSION

(): FFCに適用
(): APPLY TO FFC

SEE SHEET 1 EC NO: J2015-1049 DRAWN:KONDO 2015/02/09 CHK'D:KTAKAHASHI 2015/02/09 APPR:YNOGAWA 2015/02/10	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		0.25 UNDER	± 0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ZIF E/O 2 CONTACTS TYPE HSG ASSY (H=1.9)		
		0.25 OVER 0.5 UNDER	± 0.05	JASANUMA	2014/02/25			
		0.5 OVER 1.0 UNDER	± 0.1	CHECKED BY	DATE			
		1.0 OVER 10 UNDER	± 0.2	KTAKAHASHI	2014/07/28			
		10 OVER 30 UNDER	± 0.25	APPROVED BY	DATE	molex		
		30 OVER	± 0.3	YNOGAWA	2014/11/10			
		ANGULAR ±1 °		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1	SD-505110-001		2 OF 2	
		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

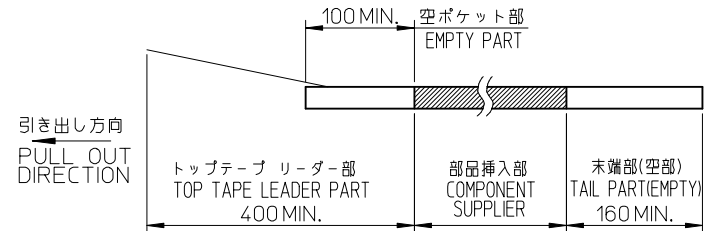
引き出し方向

PULL OUT
DIRECTION



NOTES

1. 梱包数量 : 3000個/リール
NUMBER OF CONNECTORS : 3000PIECES/REEL
2. リードテープ長さ
LEAD TAPE LENGTH



3. カバーテープの剥離強度については、IEC60286-3に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC 60286-3.
4. 製品詳細寸法については図面 SD-505110-001を参照下さい。
FOR DIMENSIONS OF PRODUCT, REFER TO SD-505110-001.
5. 材料 MATERIAL
キャリアテープ : ポリスチレン
CARRIER TAPE : POLYSTYRENE
トップテープ : ポリエチレンテレフタレート, ポリエチレン
TOP TAPE : POLYETHYLENE TEREPHTHALATE , POLYETHYLENE
リール : ポリスチレン<リサイクル材を含む>
REEL : POLYSTYRENE<RECYCLE MATERIAL CONTAINED>
6. ELV及びRoHS適合品 ELV AND RoHS COMPLIANT

REVISED	EC NO.: J2015-0956	DRWN: JASUNUMA	2015/01/16	CHKD: KATAHASHI	2015/02/03	APPR: YNOGAWA	2015/02/04	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
									0.25	UNDER	UNDER	± 0.03	DRAWN BY	DATE	TITLE 0.5 FPC CONN ZIF E/O 2 CONTACTS TYPE EMBSTP PACKAGE (H=1.9) molex		
									0.25	OVER	0.5	UNDER	± 0.05	JASUNUMA		2014/02/25	
									0.5	OVER	1.0	UNDER	± 0.1	CHECKED BY		DATE	
									1.0	OVER	10	UNDER	± 0.2	KATAHASHI		2014/07/30	
									10	OVER	30	UNDER	± 0.25	APPROVED BY	DATE	DOCUMENT NO. SD-505110-002	SHEET NO. 1 OF 2
									30	OVER		± 0.3	YNOGAWA	2014/11/10			
									ANGULAR			±1 °	MATERIAL NO.				
													SEE SHEET 2				
									DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

F

E

D

C

B

A

F

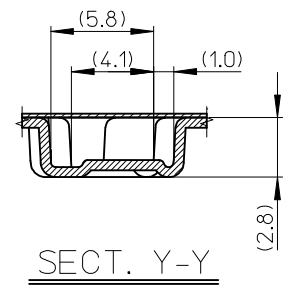
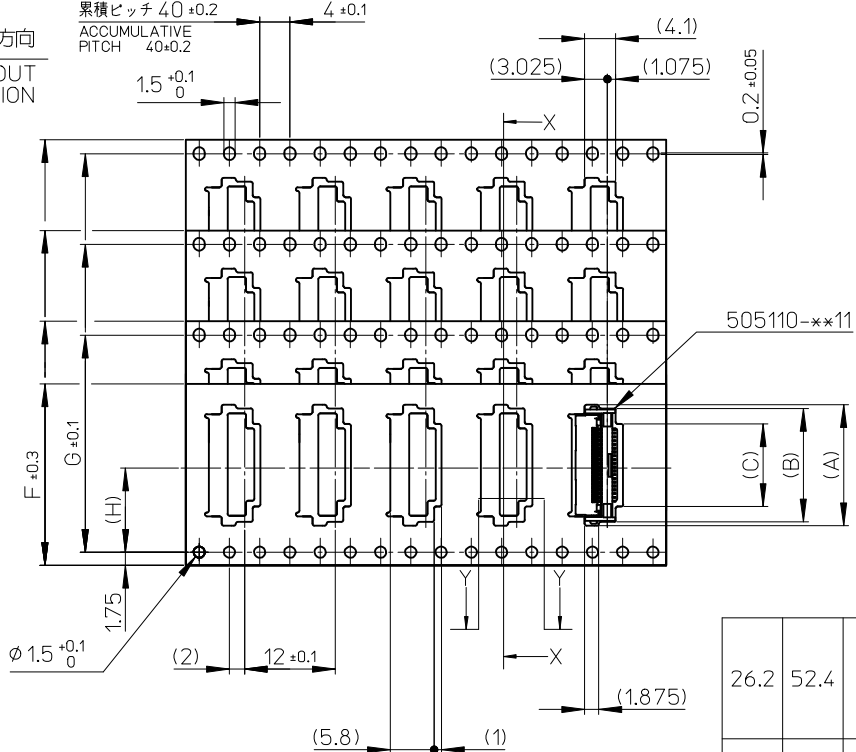
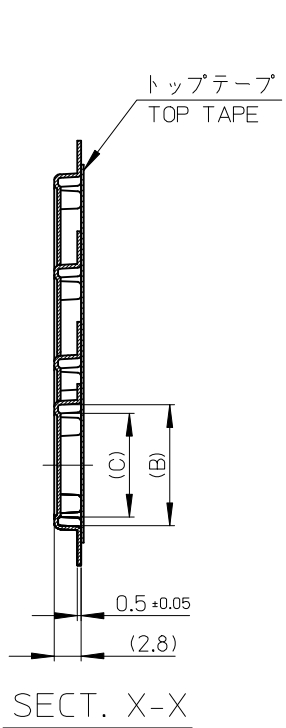
E

D

C

B

A



26.2	52.4	56	61.4	57.4	40.9	44.9	46	505110-8091	80
					35.9	39.9	41	505110-7091	70
					32.9	36.9	38	505110-6491	64
					30.9	34.9	36	505110-6091	60
20.2	40.4	44	49.4	45.4	25.9	29.9	31	505110-5091	50
					23.4	27.4	28.5	505110-4591	45
					20.9	24.9	26	505110-4091	40
					18.4	22.4	23.5	505110-3591	35
14.2	28.4	32	37.4	33.4	15.9	19.9	21	505110-3091	30
					14.9	18.9	20	505110-2891	28
					12.9	16.9	18	505110-2491	24
					11.9	15.9	17	505110-2291	22
11.5	---	24	29.4	25.4	10.9	14.9	16	505110-2091	20
H	G	F	E	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER NO.	Ckt

SEE SHEET 1
EC NO: J2015-0956
DRWN: JASUNUMA 2015/01/16
CHKD: TAKAHASHI 2015/02/03
APPR: YNOGAWA 2015/02/04

DESCRIPTION

REV D

GENERAL TOLERANCES (UNLESS SPECIFIED)

0.25 UNDER	UNDER	±0.03
0.25 OVER	0.5 UNDER	±0.05
0.5 OVER	1.0 UNDER	±0.1
1.0 OVER	10 UNDER	±0.2
10 OVER	30 UNDER	±0.25
30 OVER		±0.3
ANGULAR	±1 °	

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY JASUNUMA DATE 2014/02/25

CHECKED BY TAKAHASHI DATE 2014/07/30

APPROVED BY YNOGAWA DATE 2014/11/10

MATERIAL NO.

SEE CHART

SIZE A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

0.5 FPC CONN ZIF E/O
2 CONTACTS TYPE
EMBSTP PACKAGE (H=1.9)

molex

SD-505110-002

DOCUMENT NO.

SHEET NO.
2 OF 2

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