

Excellent Integrated System Limited

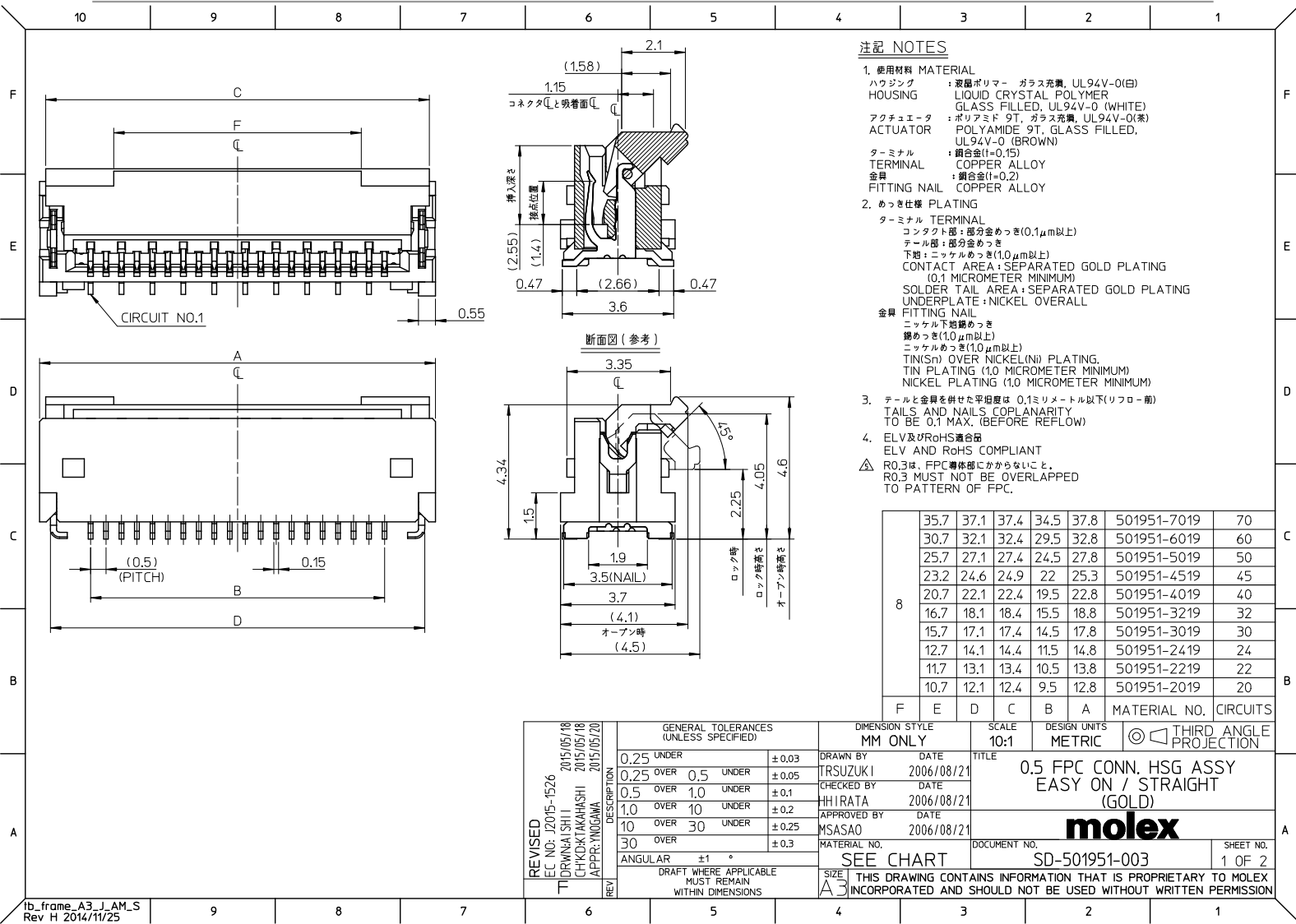
Stocking Distributor

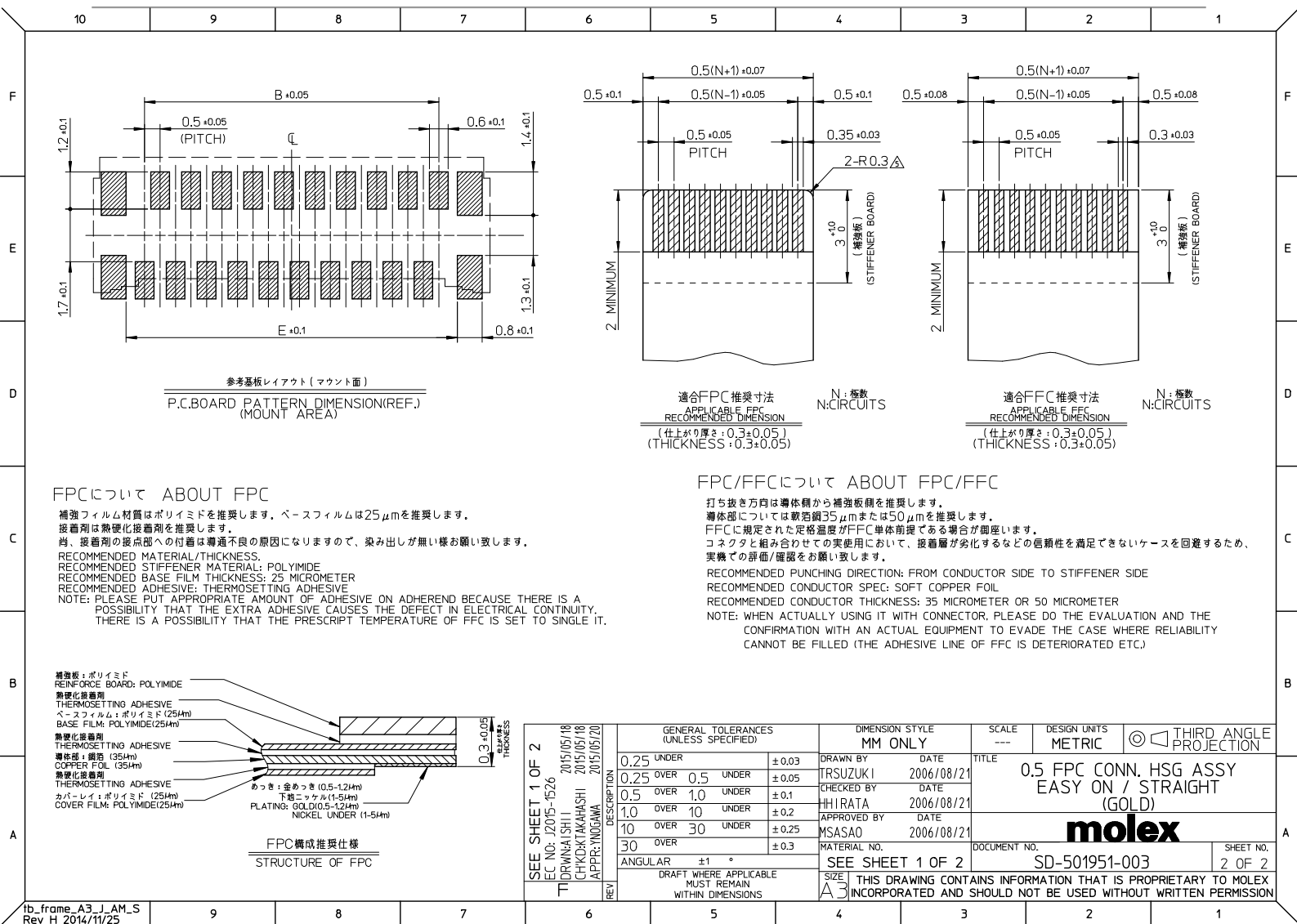
Click to view price, real time Inventory, Delivery & Lifecycle Information:

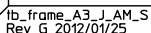
[Molex Connector Corporation](#)
[5019512410](#)

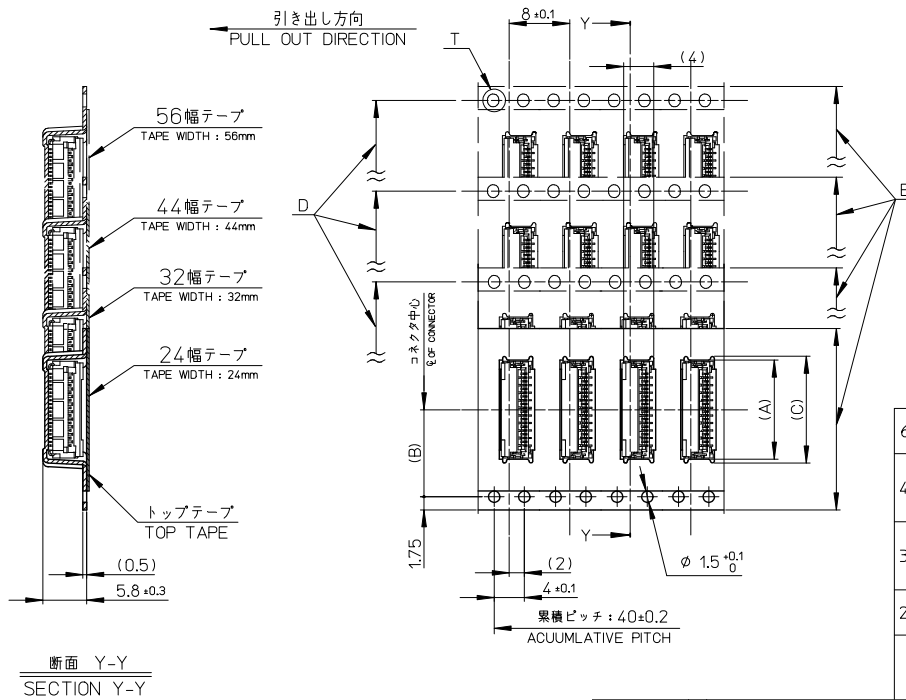
For any questions, you can email us directly:

sales@integrated-circuit.com



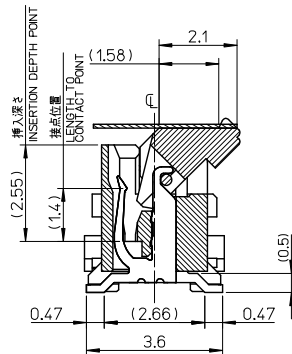
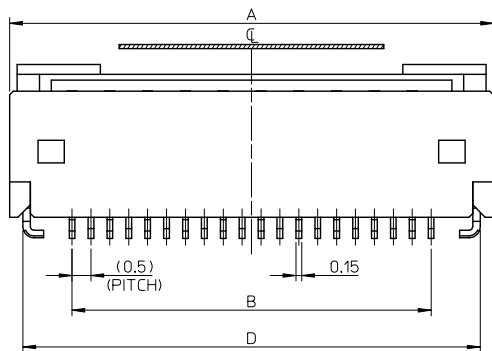
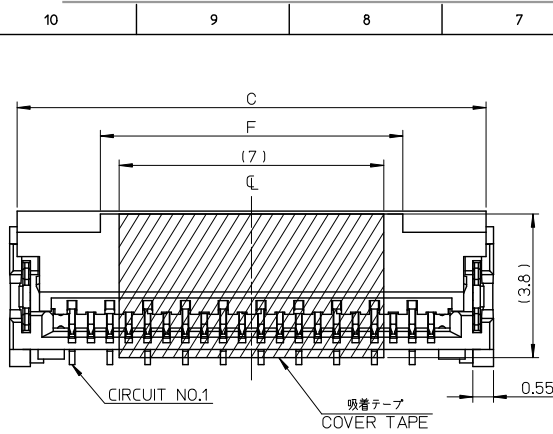
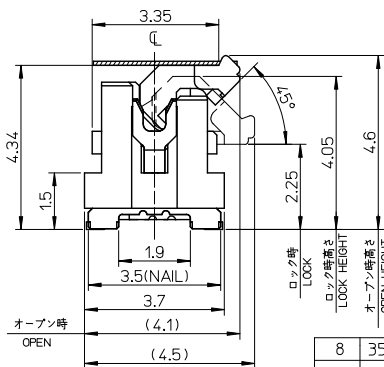






61.4	57.4	56±0.3	52.4	39.1 34.1	26.2	38.1 33.1	501951-7010	70
				29.1		28.1	501951-5010	50
49.4	45.4	44±0.3	40.4	26.6 24.1	20.2	25.6 23.1	501951-4510	45
				20.1		19.1	501951-3210	32
37.4	33.4	32±0.3	28.4	19.1 16.1	14.2	18.1 15.1	501951-3010	30
				15.1		14.1	501951-2210	22
29.4	25.4	24±0.3	→	14.1	11.5	13.1	501951-2010	20
G	F	E キャリアテープ幅 CARRIER TAPE WIDTH	D	(C)	(B)	(A)	製品番号 MATERIAL NO.	極数 CIRCUITS

REVISED	EC NO.	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
1	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
2	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
3	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
4	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
5	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
6	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
7	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
8	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
9	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI
10	2014-0085	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	2013/07/17	CHIKO TAKAHASHI	CHIKO TAKAHASHI	CHIKO TAKAHASHI

断面図 (参考)
SECTION (REFERENCE)

注記 NOTES

1. 使用材料 MATERIAL

ハウジング : 液晶ポリマー ガラス充填, UL94V-0(白)
HOUSING : LIQUID CRYSTAL POLYMER GLASS FILLED, UL94V-0 (WHITE)
アクチュエータ : ポリアミド, ガラス充填, UL94V-0(茶)
ACTUATOR : POLYAMIDE, GLASS FILLED, UL94V-0 (BROWN)
ターミナル : 銅合金(T=0.15)
TERMINAL : COPPER ALLOY
金具 : 銅合金(T=0.2)
FITTING NAIL : COPPER ALLOY
吸着テープ : ポリアミド(T=0.125)
COVER TAPE : POLYIMIDE(T=0.125)

2. めっき仕様 PLATING

ターミナル TERMINAL
コンタクト部 : 部分めっき 0.1マイクロメートル以上
CONTACT AREA : SEPARATED GOLD PLATING 0.1μm MIN.
テール部 : 部分めっき
TAIL AREA : SEPARATED GOLD PLATING
下地 : ニッケルめっき 1マイクロメートル以上
UNDERPLATE : NICKEL OVERALL 1.0μm MIN.

金具 FITTING NAIL

締めつき : 1.0マイクロメートル以上
TIN PLATING 1.0μm MIN.
下地 : ニッケルめっき 1マイクロメートル以上
UNDERPLATE : NICKEL OVERALL 1.0μm MIN.

3. テールと金具を併せた平坦度は 0.1ミリメートル以下
TAILS AND NAILS COPLANARITY TO BE 0.1 MAX.

4. ELV及びRoHS適合品

ELV AND RoHS COMPLIANT

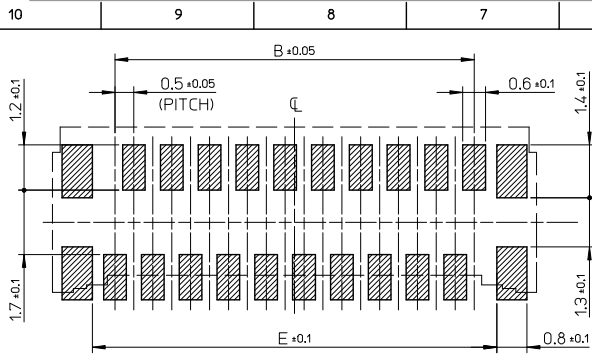
△ R0.3は、FPC導体部にかからないこと。
R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.

6. 本製品は 501951-7019 の吸着テープ付き品である。
THIS PRODUCT IS COVER TAPE VERSION OF 501951-7019.

8	35.7	37.1	37.4	34.5	37.8	501951-7020	501951-7029	70
F	E	D	C	B	A	EMBOSSED TAPE ORDER NO. オーダー番号	製品番号 MATERIAL NO.	極数 CIRCUITS

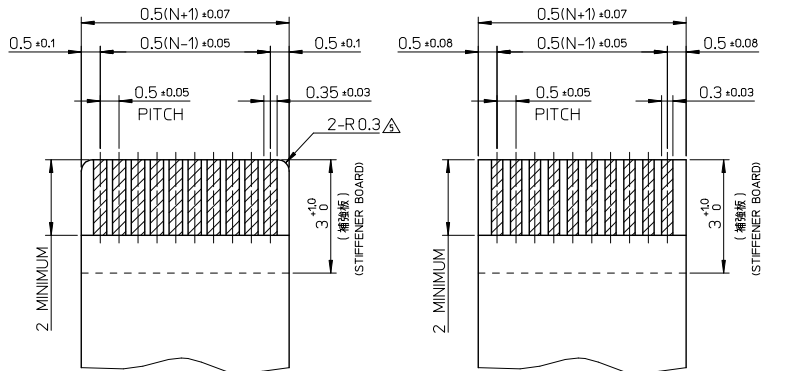
MODEL NO. 501951-**-29

REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE		SCALE	DESIGN UNITS	TITLE	DOCUMENT NO.	SHEET NO.
		0.25 UNDER	0.25 OVER	0.5 UNDER	0.5 OVER	MM ONLY	DATE					
0	RELEASED EC NO. J2016-0731 DRAWN BY: DRWANKONO CHKD: TAKAHASHI APPR: MORIKAWA	±0.2	±0.2	±0.2	±0.2	DRAWN BY: NKONDO CHECKED BY: TAKAHASHI APPROVED BY: KMORIKAWA	2016/01/14 2016/01/14 2016/01/15	10:1	METRIC	0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (GOLD)	SD-501951-009	1 OF 2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



参考基板レイアウト (マウント面)
P.C. BOARD PATTERN DIMENSION (REF.)
(MOUNT AREA)

参考マスク厚: 120 μm
参考マスク開口率: 100%
REFERENCE SCREEN THICKNESS: 120 μm
REFERENCE SCREEN OPEN RATIO: 100%



適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3 ±0.03)
(THICKNESS: 0.3 ±0.03)

適合FFC推奨寸法
APPLICABLE FFC
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.3 ±0.03)
(THICKNESS: 0.3 ±0.03)

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 μmを推奨します。
接着剤は熱硬化接着剤を推奨します。
尚、接着剤の被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。

ABOUT FPC

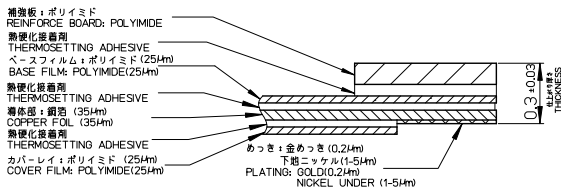
RECOMMENDED STIFFENER MATERIAL: POLYIMIDE
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE
NOTE: PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

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します。
導体部については軟銅箔35 μmまたは50 μm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ございます。
コネクタと組み合わせての実使用において、接着層が劣化するなど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 PUNCHER DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER FILM 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構成推奨仕様
STRUCTURE OF FPC

RELEASED EC NO: J2016-0731 DRAWN:KONDO CHKD:KTAKAHASHI APPR:KMORIKAWA	2016/01/14 2016/01/14 2016/01/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			0.25 UNDER		± 0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (GOLD) molex DOCUMENT NO. SD-501951-009		
			0.25 OVER	0.5 UNDER	± 0.2	NKONDO	2016/01/14			
			0.5 OVER	1.0 UNDER	± 0.2	CHECKED BY	DATE			
			1.0 OVER	10 UNDER	± 0.2	KTAKAHASHI	2016/01/14			
			10 OVER	30 UNDER	± 0.25	APPROVED BY	DATE			
			30 OVER		± 0.3	KMORIKAWA	2016/01/15			
			ANGULAR			±1	*	MATERIAL NO.		
						SEE SHEET 1		2 OF 2		
REV	DRAFT WHEN APPLICABLE 1ST REMARK WITHIN DIMENSIONS									
SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
A3										