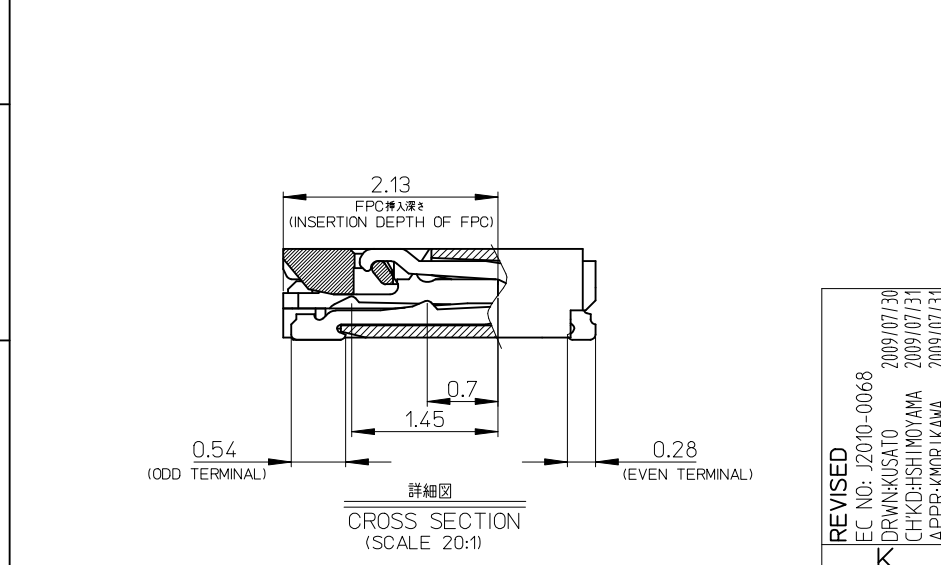
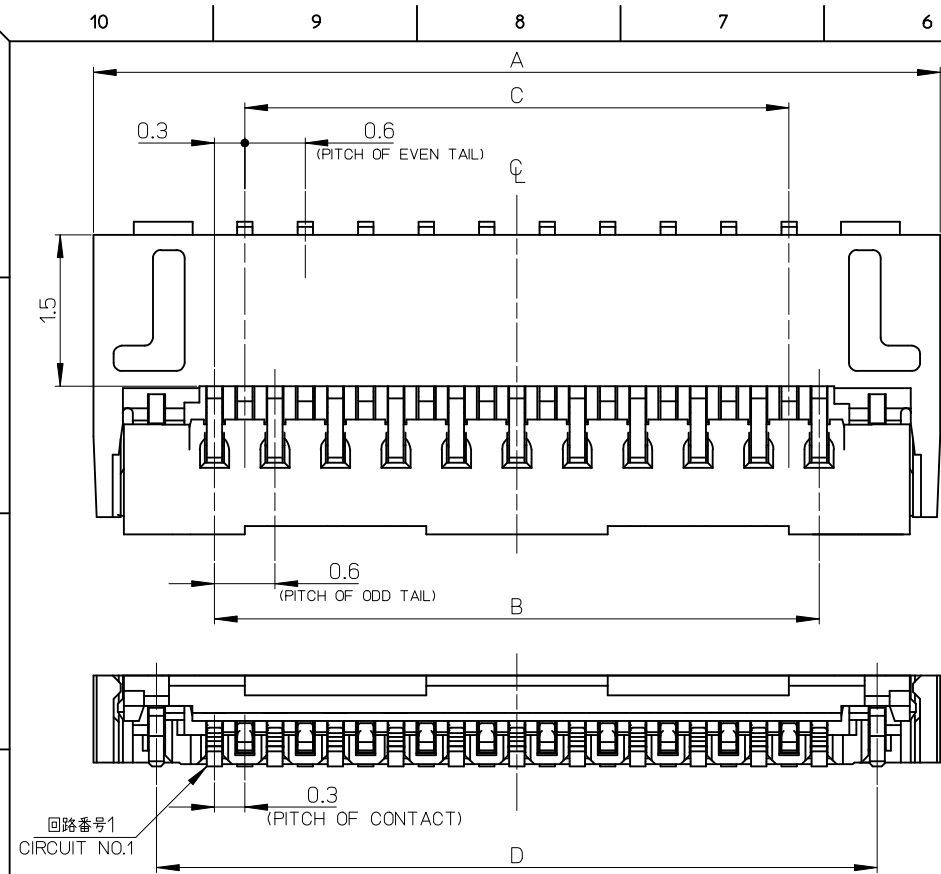




注記
NOTES:

1.材質

MATERIAL

ハウジング: LCP (液晶ポリマー)、ガラス充填、UL94V-0
HOUSING: LCP (LIQUID CRYSTAL POLYMER),
GLASS FILLED, UL94V-0
アクチュエータ: ナイロン、ガラス充填、UL94V-0
ACTUATOR: NYLON (POLYAMIDE),
GLASS FILLED, UL94V-0
ターミナル: 銅合金 (t=0.15)
TERMINAL: COPPER ALLOY (t=0.15)
金具: 銅合金 (t=0.15)
NAIL: COPPER ALLOY (t=0.15)

2.めっき仕様
PLATING

ターミナル

TERMINAL

部分金めっき

SEPARATED GOLD PLATING

下地ニッケルめっき

UNDER PLATING: NICKEL PLATING

金具

NAIL

錫めっき

TIN PLATING

下地ニッケルめっき

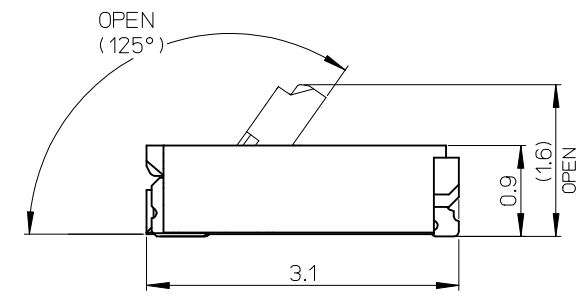
UNDER PLATING: NICKEL PLATING

3.平坦度は、0.1ミリ以下とする。

TAILS COPLANARITY TO BE 0.1 MAXIMUM.

4.ELV及びRoHS適合品

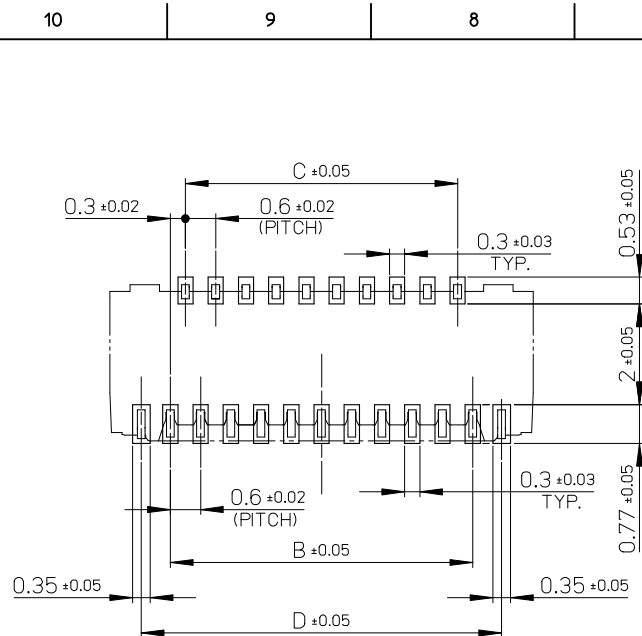
ELV AND RoHS COMPLIANT



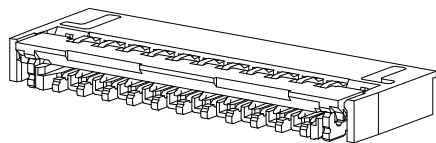
0.1	16.15	14.4	15	17.4	501628-5181	51
0.089	14.35	12.6	13.2	15.6	501628-4581	45
0.078	12.55	10.8	11.4	13.8	501628-3981	39
0.075	11.95	10.2	10.8	13.2	501628-3781	37
0.071	11.35	9.6	10.2	12.6	501628-3581	35
0.067	10.75	9.0	9.6	12.0	501628-3381	33
0.064	10.15	8.4	9	11.4	501628-3181	31
0.056	8.95	7.2	7.8	10.2	501628-2781	27
0.046	7.15	5.4	6	8.4	501628-2181	21
0.028	4.15	2.4	3	5.4	501628-1181	11
重さ (g) WEIGHT (g)	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER No.	極数 CIRCUITS

CONNECTOR SERIES No. 501628-***12

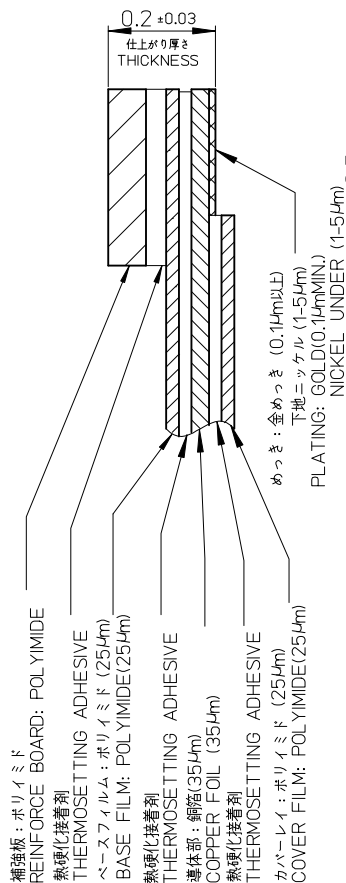
REVISED EC NO: J2010-0068 DRWN:KUSATO 2009/07/30 CHKD:HSHI-MOYAMA 2009/07/31 APPR:KMORI KAWA 2009/07/31 K	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		40:1	METRIC			
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE 0.3 FPC CONN. (H=0.9) HS'G ASSY BOTTOM CONTACT NICKEL BARRIER				
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE					
		30 OVER	±0.3	APPROVED BY	DATE					
		ANGULAR ±1 °		MSASAO 2005/08/08		molex MOLEX INCORPORATED				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.						
		SEE TABLE		SD-501628-002					1 OF 2	
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



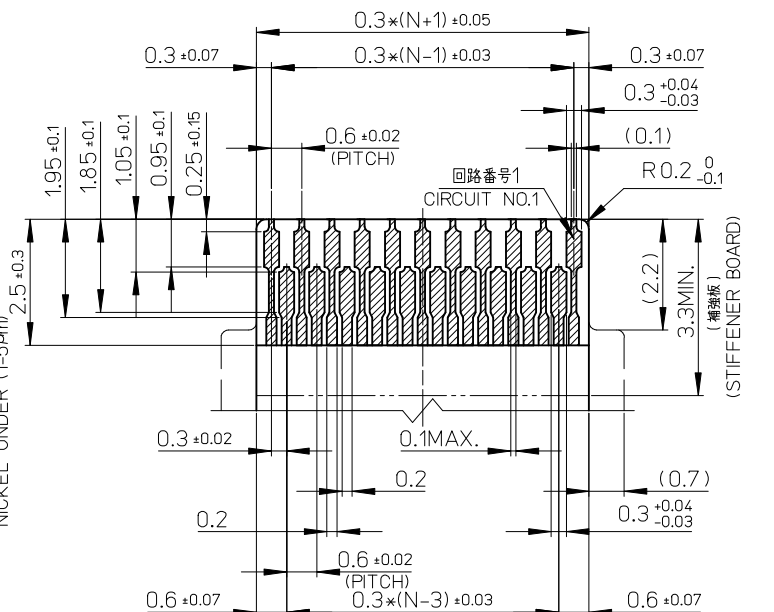
推奨基板寸法
RECOMMENDED P.C.B. PATTERN LAYOUT
(SCALE 5:1)



ISO VIEW (参考)



FPC構成推奨仕様
STRUCTURE OF FPC



適合する金めっきFPC推奨寸法
APPLICABLE FPC OF GOLD PATING
RECOMMENDED DIMENSION
(仕上がり厚さ: 0.2 ± 0.03)
(THICKNESS: 0.2 ± 0.03)

FPCについて:

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。
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。

ABOUT FPC:

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

RECOMMENDED MATERIAL:

STIFFENER FILM: POLYIMIDE

BONDING AGENT: THERMOSETTING AGENT

PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND
BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE
CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

REVISED EC NO.: J2010-0068 DRAWN:KUSATO CHKD:HSIMOYAMA APPR:KMORIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY HSIMOYAMA	DATE 2005/08/08	TITLE 0.3 FPC CONN. (H=0.9) HS'G ASSY BOTTOM CONTACT NICKEL BARRIER				
		10 OVER 30 UNDER	± ---	CHECKED BY HHIRATA	DATE 2005/08/08					
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2005/08/08	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501628-002		2 OF 2		
		REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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注記)

NOTES

1.製品番号501628-***12の詳細寸法は、製品単体図面を参照下さい。

IN THE PACKAGE PART NUMBER 501628-***12 DETAIL DIMENSIONS,
SEE SALES DRAWING FOR CONNECTOR.

2.梱包数量:3000個/リール

NUMBER OF CONNECTORS : 3000 PCS/REEL

3.リードテープ長さ

LEAD TAPE LENGTH

トップテープ接着部(空部)
TOP TAPE BONDED PART(EMPTY)

100MIN.

引き出し方向
PULL OUT DIRECTION

トップテープリーダー部

TOP TAPE LEADER PART

400 MIN.

部品挿入部

COMPONENT SUPPLIER

末端部(空部)

TAIL PART(EMPTY)

160 MIN.

4.トップテープの剥離強度(剥離方向は下図参照)

PEELING OFF FORCE OF TOP TAPE (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)
0.1-1.3N (10-130gf)

尚、本規格値は出荷時に適用。

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.

(但し、輸送時に剥離が発生しないこと)

(PEEL OFF SHOULD NOT BE ALLOWED,DURING TRANSPORTION.)

剥離方向
PEEL OFF DIRECTION引き出し方向
PULL OUT DIRECTION

5.材料

MATERIAL

キャリアテープ:ポリスチレン(PS)

CARRIER TAPE:POLYSTYRENE(PS)

トップテープ:PET、PE、PEF

TOP TAPE :PET,PE,PEF

リール:ポリスチレン

REEL:POLYSTYLENE

6.ELV及びRoHS適合品

ELV AND RoHS COMPLIANT

REVISED	EC NO: J2010-0068	2009/07/30
	DRWN:KUSATO	2009/07/31
	CHKD:SHIMOYAMA	2009/07/31
	APPR:KMORI KAWA	2009/07/31
REV	DESCRIPTION	
H		

GENERAL TOLERANCES
(UNLESS SPECIFIED)

10 UNDER ± ---

10 OVER 30 UNDER ± ---

30 OVER ± ---

ANGULAR ± --- °

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY DATE

HSHIMOYAMA 2005/08/22

CHECKED BY DATE

HHIRATA 2005/08/22

APPROVED BY DATE

MSASAO 2005/08/22

MATERIAL NO.

SEE TABLE

SIZE A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE
PROJECTION0.3 FPC CONN.(FOR 501628
-***12) TAPING PACKAGE
NICKEL BARRIER

MOLEX INCORPORATED

DOCUMENT NO.

SD-501628-004

SHEET NO.

1 OF 2

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2

F

E

D

C

B

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F

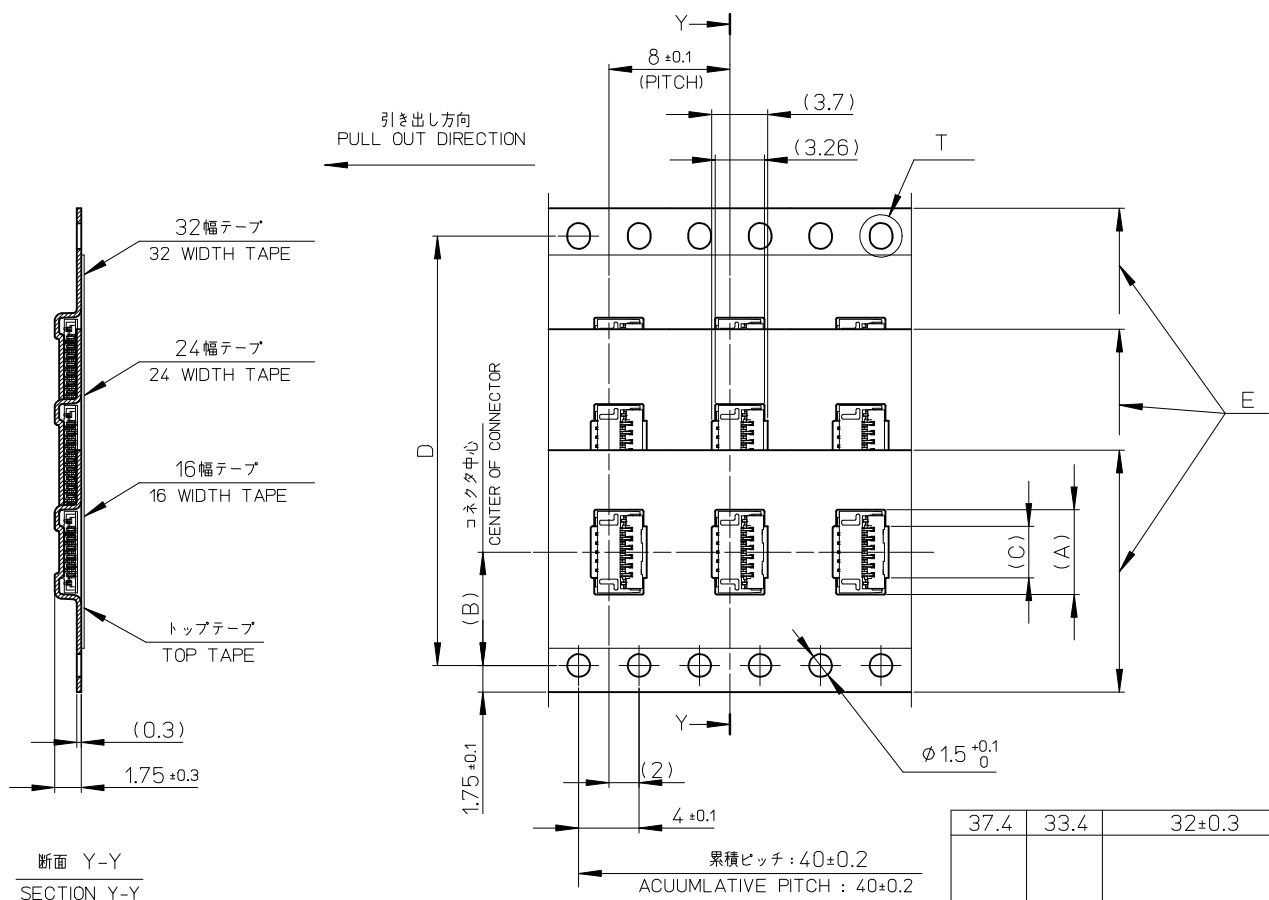
E

D

C

B

A



断面 Y-Y
SECTION Y-Y

37.4	33.4	32±0.3	28.4	15.4	14.2	17.6	501628-5181	51
29.4	25.4	24±0.3	++	13.6	11.5	15.8	501628-4581	45
				11.8		14	501628-3981	39
				11.2		13.4	501628-3781	37
				10.6		12.8	501628-3581	35
				10.0		12.2	501628-2181	33
				9.4		11.6	501628-2181	31
21.4	17.4	16±0.3	8.2	7.5	10.4	501628-2181	27	
			6.4		8.6	501628-2181	21	
			3.4		5.6	501628-1181	11	
G	F	E キャリアテープ幅 EMBOSSED TAPE WIDTH	D	C	B	A	製品番号 MATERIAL NO.	極数 CIRCUITS

REVISED EC NO: J2010-0068 DRWN:KUSATO CHKD:HSHIMOMYAMA APPR:KMORIKAWA	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY HSHIMOMYAMA	DATE 2005/08/22	TITLE 0.3 FPC CONN.(FOR 501628 -**12) TAPING PACKAGE NICKEL BARRIER				
		10 OVER 30 UNDER	± ---	CHECKED BY HIRATA	DATE 2005/08/22					
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2005/08/22	MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501628-004		2 OF 2		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				