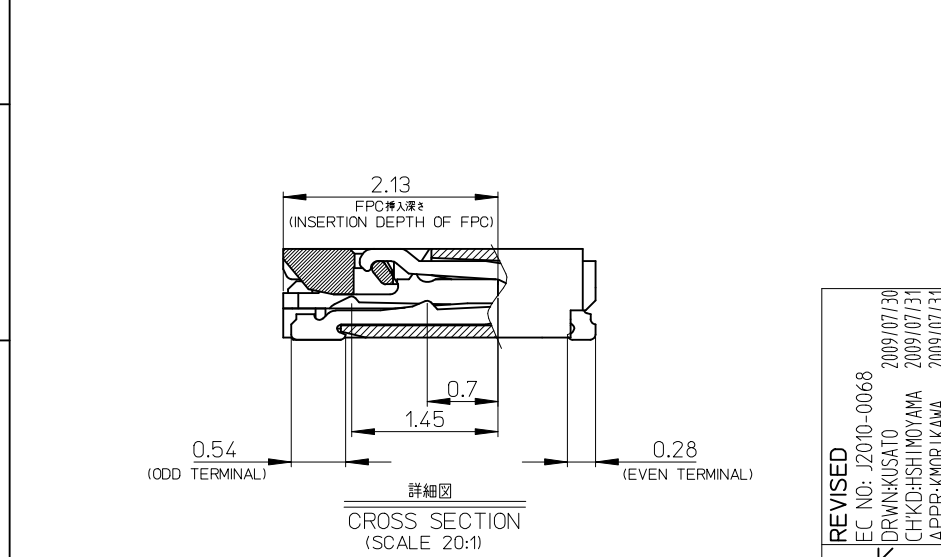
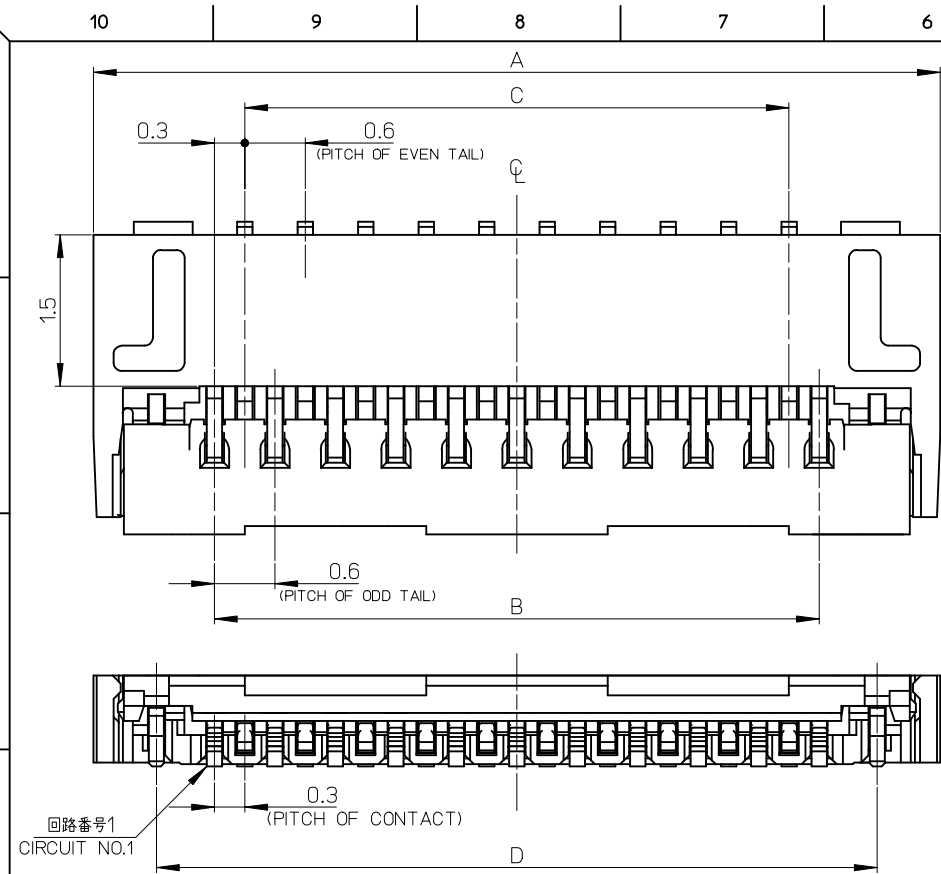




注記
NOTES:

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

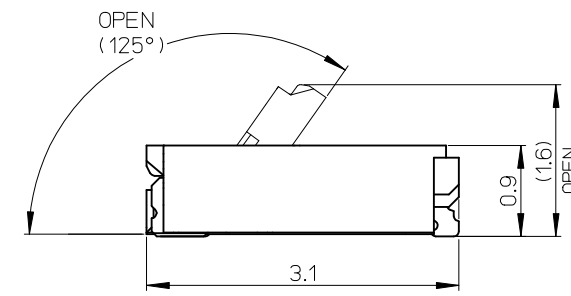
UNDER PLATING: NICKEL PLATING

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

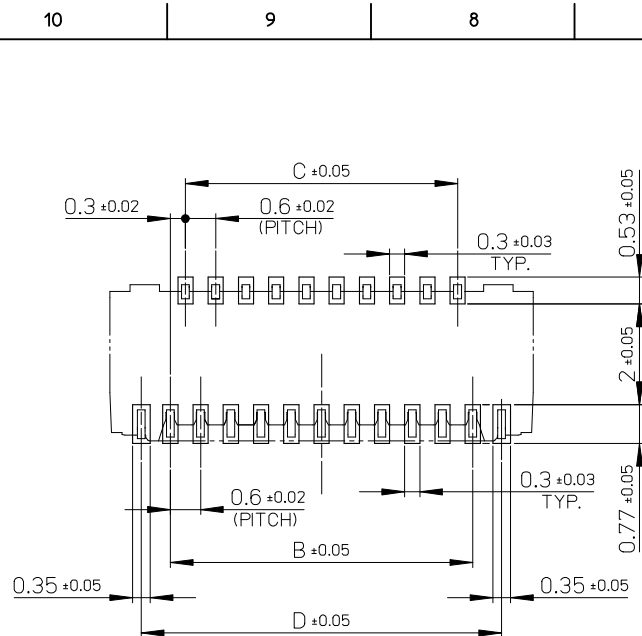
ELV AND RoHS COMPLIANT



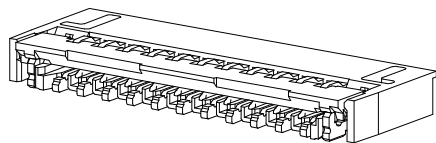
0.1	16.15	14.4	15	17.4	501628-5181	51
0.089	14.35	12.6	13.2	15.6	501628-4581	45
0.078	12.55	10.8	11.4	13.8	501628-3981	39
0.075	11.95	10.2	10.8	13.2	501628-3781	37
0.071	11.35	9.6	10.2	12.6	501628-3581	35
0.067	10.75	9.0	9.6	12.0	501628-3381	33
0.064	10.15	8.4	9	11.4	501628-3181	31
0.056	8.95	7.2	7.8	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

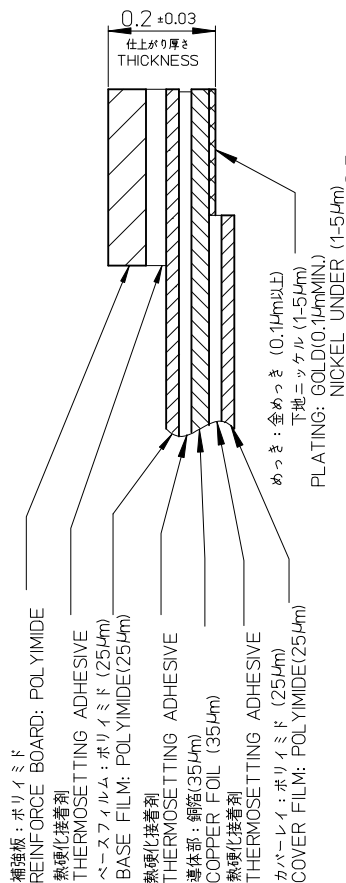
REVISED EC NO: J2010-0068 DRWN:KUSATO CHKD:HSHIMOMYAMA APPR:KMORI KAWA 2009/07/30 2009/07/31 2009/07/31	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
				MM ONLY		40:1		METRIC			
		10 UNDER		±0.2	DRAWN BY HSHIMOMYAMA		DATE 2005/08/08		TITLE 0.3 FPC CONN. (H=0.9) HS'G ASSY BOTTOM CONTACT NICKEL BARRIER		
		10 OVER 30 UNDER		±0.25	CHECKED BY HIRATA		DATE 2005/08/08				
		30 OVER		±0.3	APPROVED BY MSASAO		DATE 2005/08/08				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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							



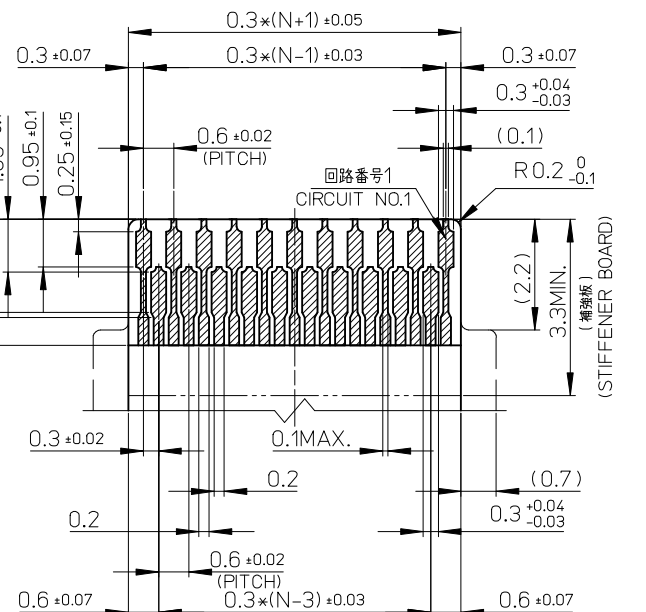
推奨基板寸法
RECOMMENDED P.C.B. PATTERN LAYOUT
(SCALE 5:1)



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 HSHIMOYAMA	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 MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501628-002				2 OF 2
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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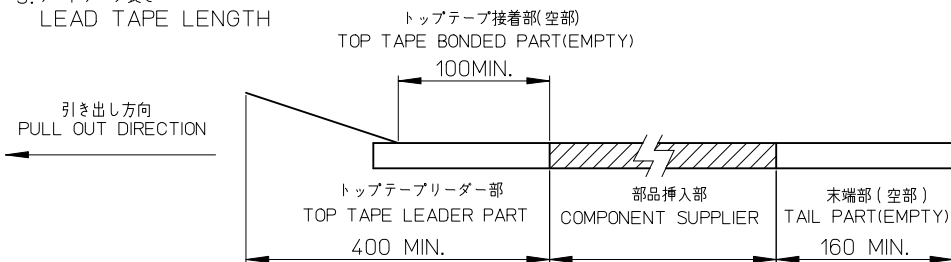
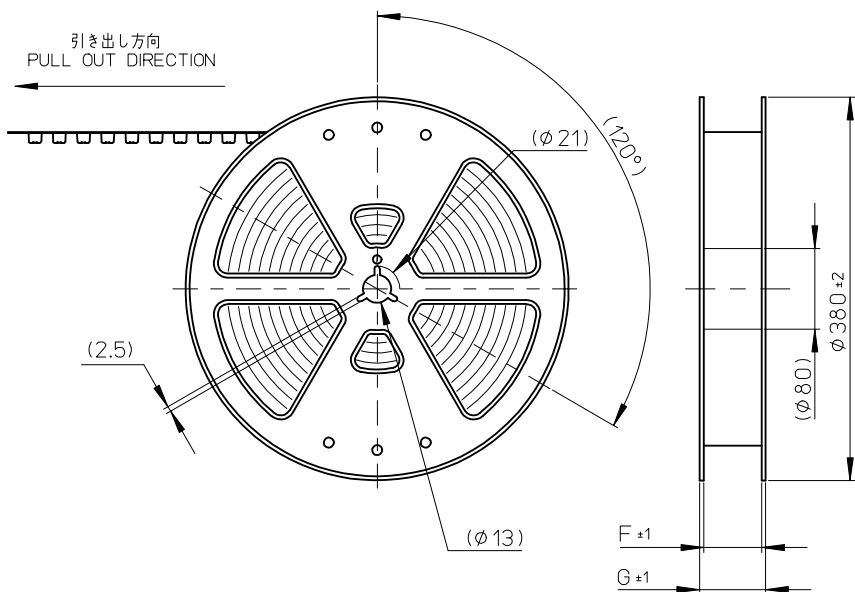
3

2

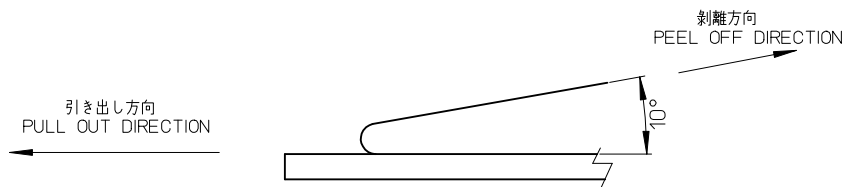
1

注記)
NOTES

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



- 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.)



- 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
- ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

REVISED EC NO: J2010-0068 DRWN:KUSATO 2009/07/30 CHKD:SHIMOYAMA 2009/07/31 APPR:KMORIKAWA 2009/07/31	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY HSHIMOYAMA	DATE 2005/08/22	TITLE 0.3 FPC CONN.(FOR 501628 -**12) TAPING PACKAGE NICKEL BARRIER				
		10 OVER 30 UNDER	± ---	CHECKED BY HHIRATA	DATE 2005/08/22					
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2005/08/22	MOLEX MOLEX INCORPORATED				
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501628-004		1 OF 2			
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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F

E

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C

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F

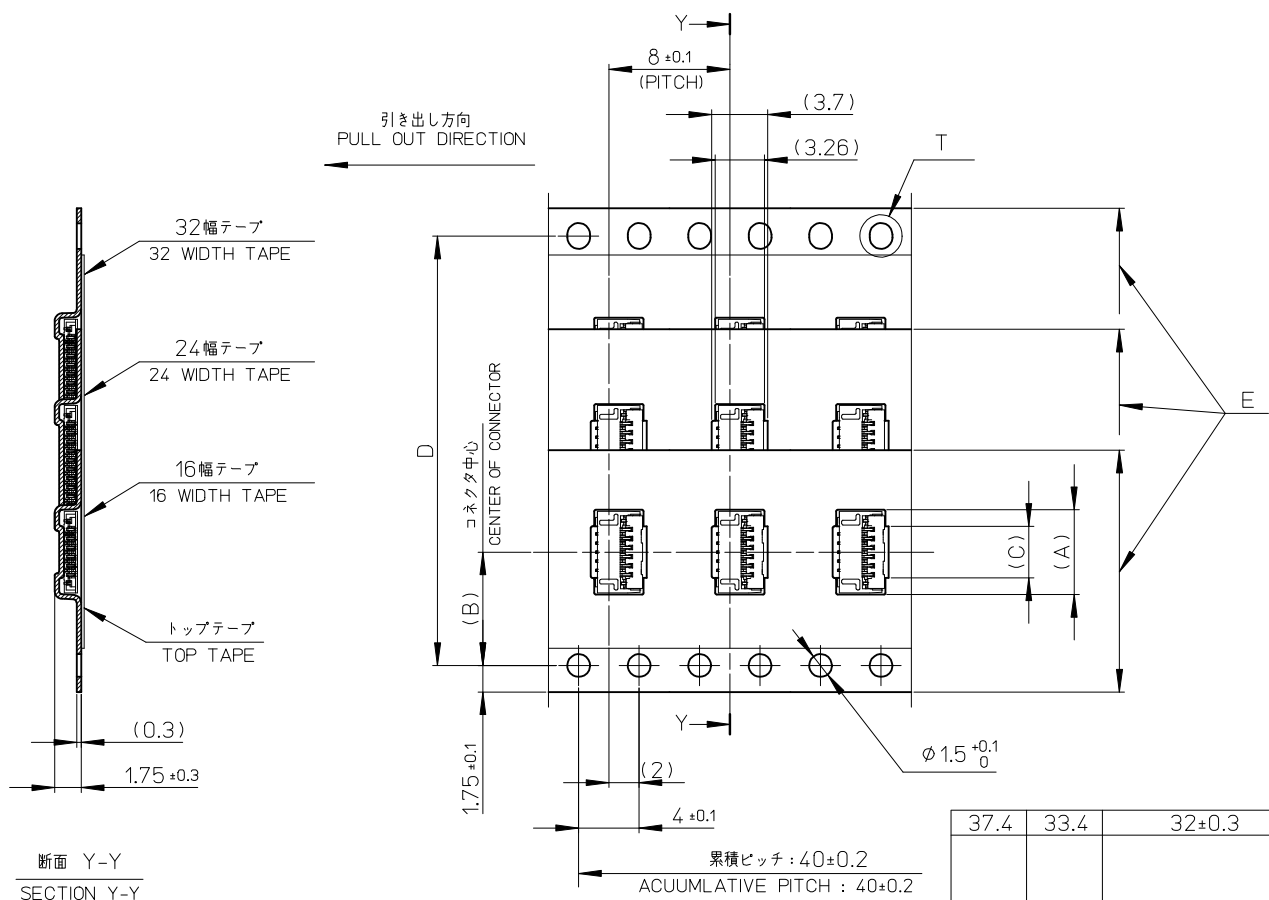
E

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 MOLEX INCORPORATED				
		10 OVER 30 UNDER	± ---	CHECKED BY HIRATA	DATE 2005/08/22					
		30 OVER	± ---	APPROVED BY MSASAO	DATE 2005/08/22					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501628-004		2 OF 2		
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						