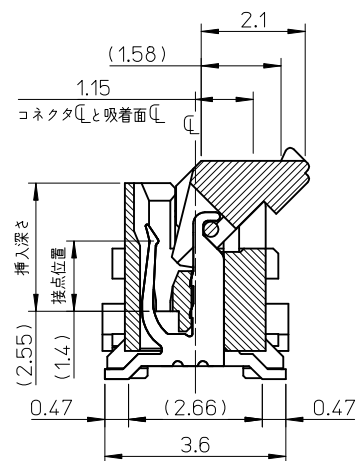
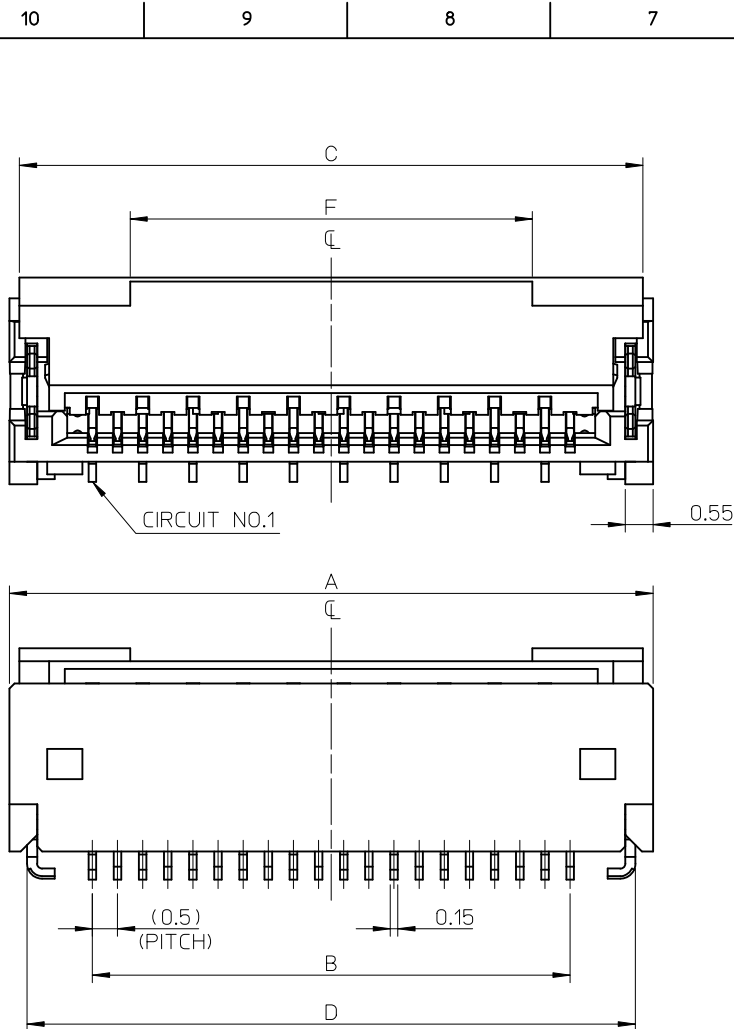
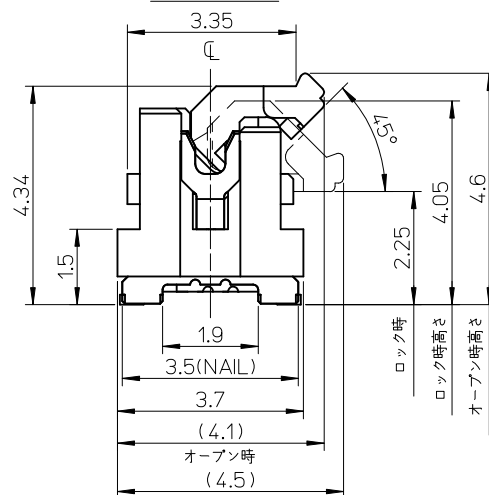




断面図 (参考)



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 9T, ガラス充填, UL94V-0(茶)
ACTUATOR : POLYAMIDE 9T, 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

2. めっき仕様 PLATING

ターミナル TERMINAL

コンタクト部: 部分金めっき(0.1μm以上)

テール部: 部分金めっき

下地: ニッケルめっき(1.0μm以上)

CONTACT AREA: SEPARATED GOLD PLATING
(0.1 MICROMETER MINIMUM)

SOLDER TAIL AREA: SEPARATED GOLD PLATING
UNDERPLATE: NICKEL OVERALL

金具 FITTING NAIL

ニッケル下地鍍め

鍍め(1.0μm以上)

ニッケルめっき(1.0μm以上)

TIN(Sn) OVER NICKEL(Ni) PLATING.

TIN PLATING (1.0 MICROMETER MINIMUM)

NICKEL PLATING (1.0 MICROMETER MINIMUM)

3. テールと金具を併せた平度度は 0.1ミリメートル以下(リフロ前)

TAILS AND NAILS COPLANARITY
TO BE 0.1 MAX. (BEFORE REFLOW)

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.

8	35.7	37.1	37.4	34.5	37.8	501951-7019	70
	30.7	32.1	32.4	29.5	32.8	501951-6019	60
	25.7	27.1	27.4	24.5	27.8	501951-5019	50
	23.2	24.6	24.9	22	25.3	501951-4519	45
	20.7	22.1	22.4	19.5	22.8	501951-4019	40
	16.7	18.1	18.4	15.5	18.8	501951-3219	32
	15.7	17.1	17.4	14.5	17.8	501951-3019	30
	12.7	14.1	14.4	11.5	14.8	501951-2419	24
	11.7	13.1	13.4	10.5	13.8	501951-2219	22
	10.7	12.1	12.4	9.5	12.8	501951-2019	20
F	E	D	C	B	A	MATERIAL NO.	CIRCUITS

REVISED EC NO: J2011-0887 DRAWN:SHIRATA 2011/01/05 CHKD:K TAKAHASHI 2011/01/05 APPR:KMORI KAWA 2011/01/11	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY TRSUZUKI	DATE 2006/08/21	TITLE 0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (GOLD)			
		10 OVER 30 UNDER	± 0.25	CHECKED BY HIRATA	DATE 2006/08/21				
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2006/08/21	 MOLEX INCORPORATED			
		ANGULAR	±1 °	MATERIAL NO. SEE CHART					DOCUMENT NO. SD-501951-003
		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				
	REV								

F

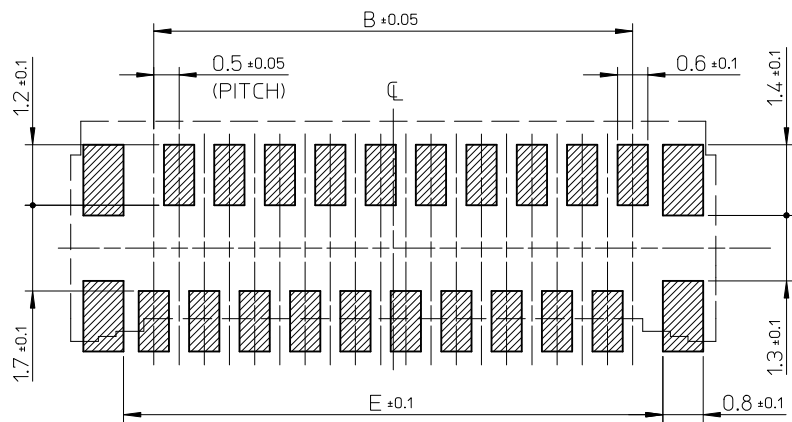
E

D

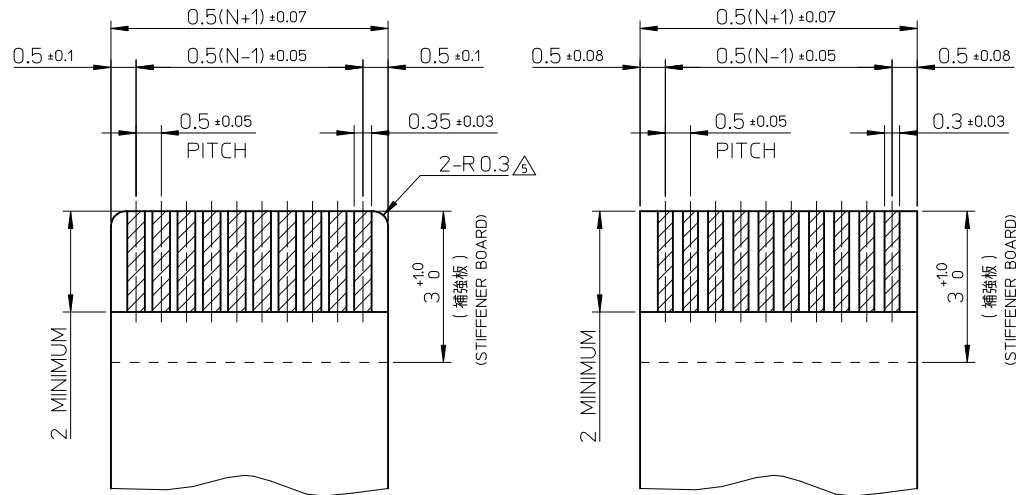
C

B

A



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



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)
N: 極数
N: CIRCUITS

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)
N: 極数
N: CIRCUITS

FPC 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 μ mまたは50 μ mを推奨します。
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。

ABOUT FPC

RECOMMENDED PUNCHER DIRECTION : FROM CONDUCTOR SIDE TO STIFFENER FILM SIDE.
RECOMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER FOIL : 35 MICROMETER OR 50 MICROMETER.
RECOMMENDED MATERIAL/THICKNESS.
STIFFENER FILM : POLYIMIDE
BASE FILM THICKNESS : 25 μ m
BONDING AGENT : THERMOSETTING BONDING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON ADHEREND BECAUSE THERE IS A POSSIBILITY THAT THE EXTRA ADHESIVE CAUSES THE DEFECT IN ELECTRICAL CONTINUITY.

SEE SHEET 1 EC NO.: J2011-0887 DRWN:SHIRATA CHKD:TAKAHASHI APPR:KMORI KAWA 2011/01/05 2011/01/05 2011/01/11	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	TRSUZUKI	2006/08/21	TITLE 0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (GOLD)				
		10 OVER 30 UNDER	± 0.25	HHIRATA	2006/08/21					
		30 OVER	± 0.3	APPROVED BY MSASAO	2006/08/21	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-501951-003		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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C

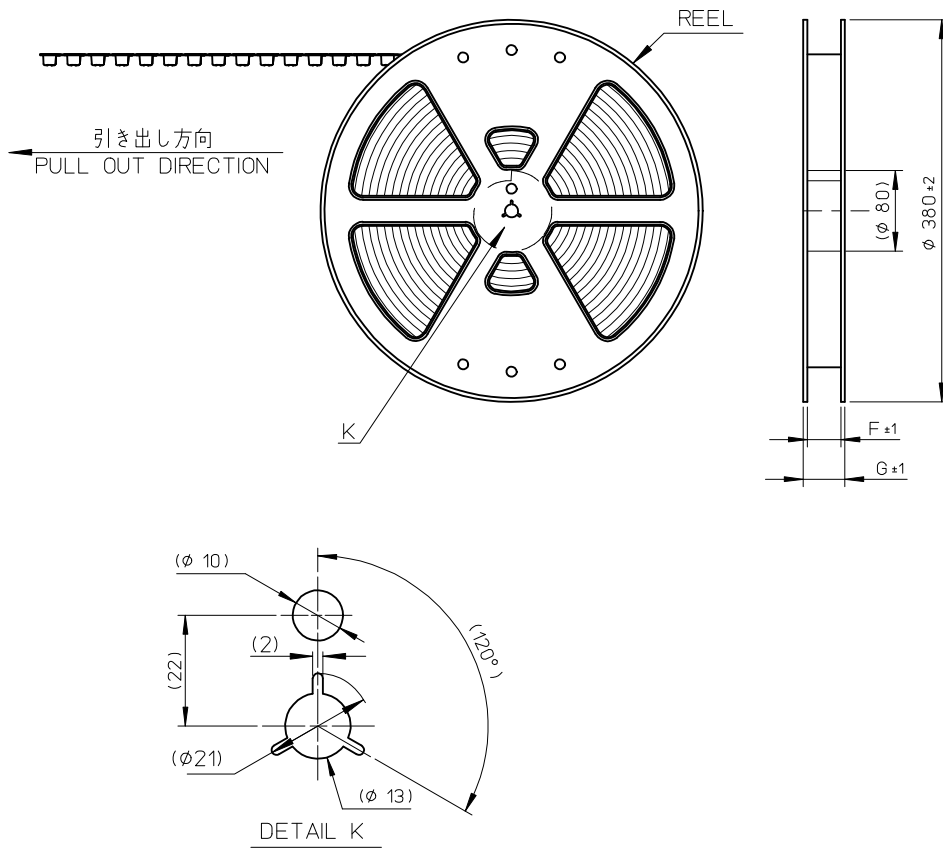
C

B

B

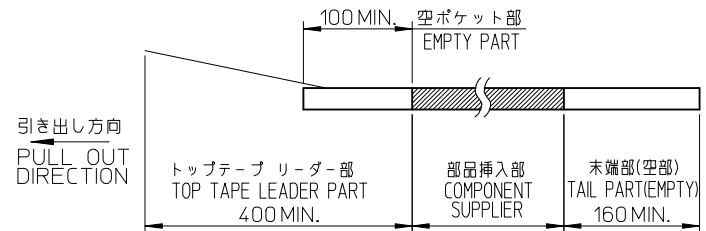
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NOTES

- 製品詳細寸法については図面 SD-501951-003を参照下さい。
FOR DIMENSIONS OF PRODUCT, REFER TO SD-501951-003.
- 梱包数量 : 2000個/リール
NUMBER OF CONNECTORS : 2000PIECES/REEL
- リードテープ長さ
LEAD TAPE LENGTH



4. 材料 MATERIAL

キャリアテープ : ポリプロピレン
CARRIER TAPE : POLYPROPYLENE
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>

5. ELV及びRoHS適合品 ELV AND RoHS COMPLIANT

9

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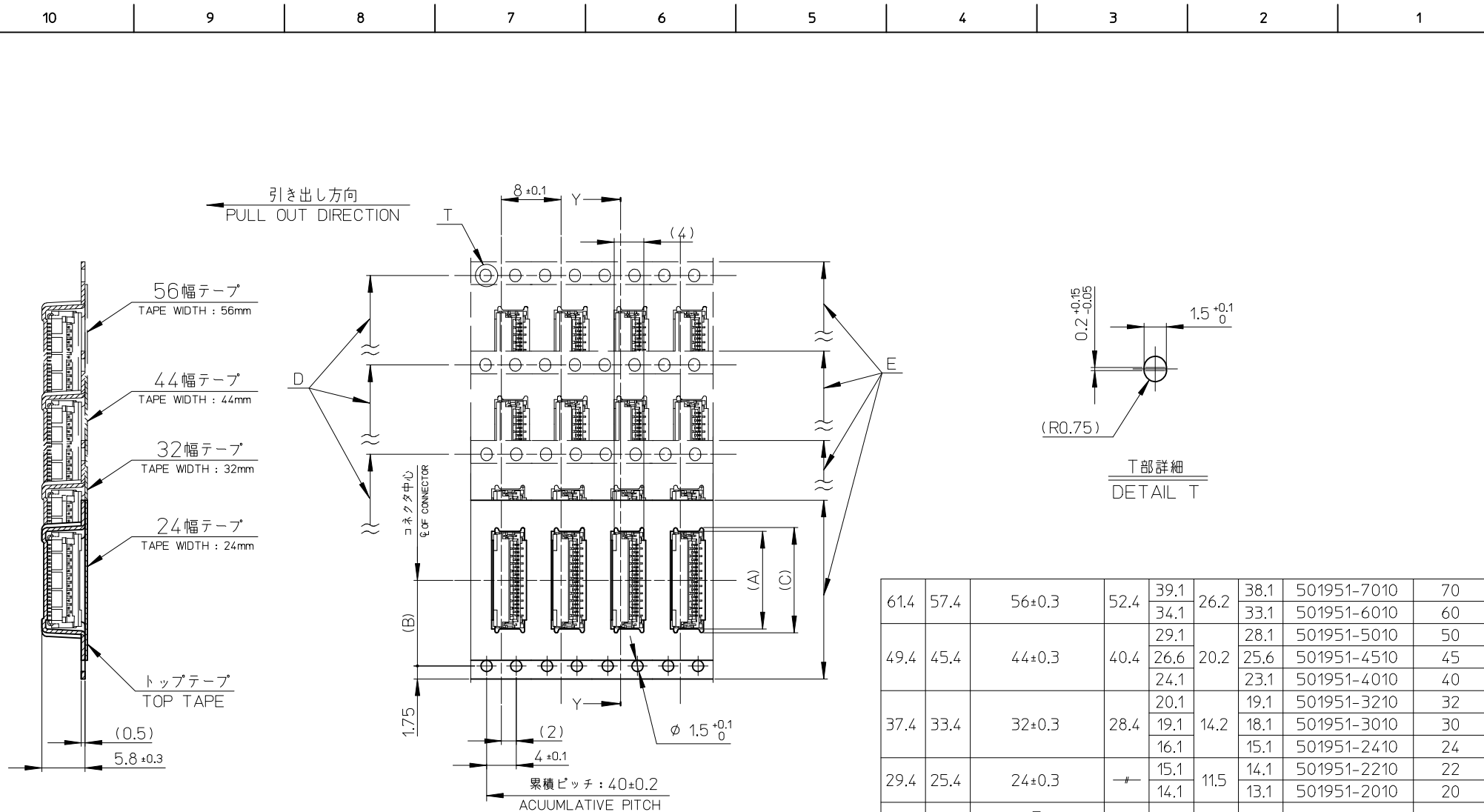
5

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3

2

REVISED EC NO: J2014-0085 2013/07/17 DRWN:KONDO 2013/07/17 CHKD:KATAHASHI 2013/07/17 APPR:YNOGAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
		10 UNDER	± 0.2	TRSUZUKI	2006/09/05	TITLE 0.5 FPC CONN. HSG ASSY E/O STRAIGHT EMBSTP PKG (GOLD)							
		10 OVER 30 UNDER	± 0.25	CHECKED BY HHIRATA	2006/09/05								
		30 OVER	± 0.3	APPROVED BY MSASAO	2006/09/05	molex							
		ANGULAR ±1 °		MATERIAL NO.							DOCUMENT NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501951-004						1 OF 2		
	REV			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



61.4	57.4	56±0.3	52.4	39.1	26.2	38.1	501951-7010	70
				34.1		33.1	501951-6010	60
49.4	45.4	44±0.3	40.4	29.1	20.2	28.1	501951-5010	50
				26.6		25.6	501951-4510	45
				24.1		23.1	501951-4010	40
37.4	33.4	32±0.3	28.4	20.1	14.2	19.1	501951-3210	32
				19.1		18.1	501951-3010	30
				16.1		15.1	501951-2410	24
29.4	25.4	24±0.3	—	15.1	11.5	14.1	501951-2210	22
				14.1		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: J2014-0085 DRAWN: KONDO 2013/07/17 CHKD: TAKAHASHI 2013/07/17 APPR: YNOGAWA 2013/07/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY TRSUZUKI	DATE 2006/09/05	TITLE 0.5 FPC CONN. HSG ASSY E/O STRAIGHT EMBSTP PKG (GOLD)				
		10 OVER 30 UNDER	±0.25	CHECKED BY HIRATA	DATE 2006/09/05					
		30 OVER	±0.3	APPROVED BY MSASAO	DATE 2006/09/05	molex				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-501951-004			2 OF 2		
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					