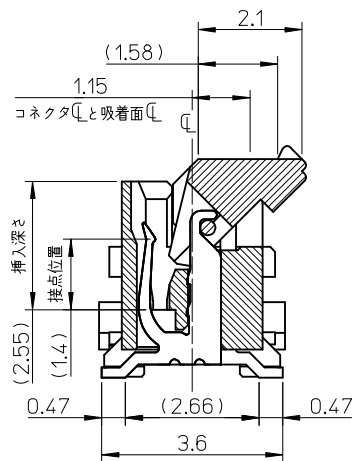
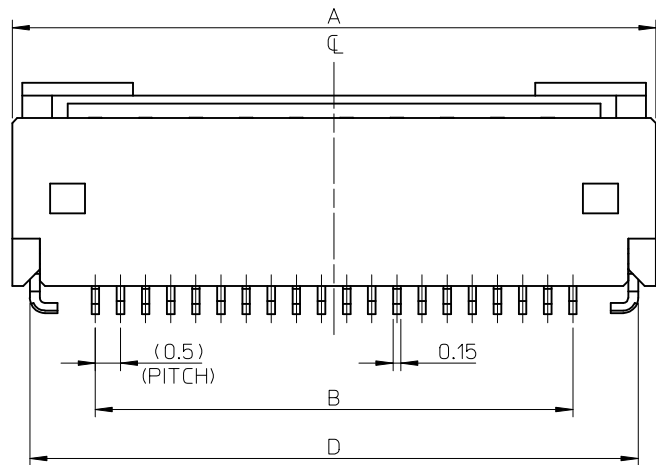
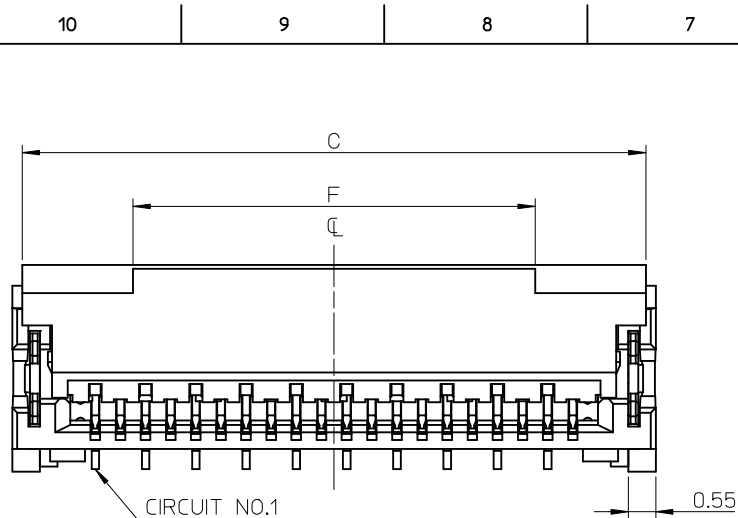
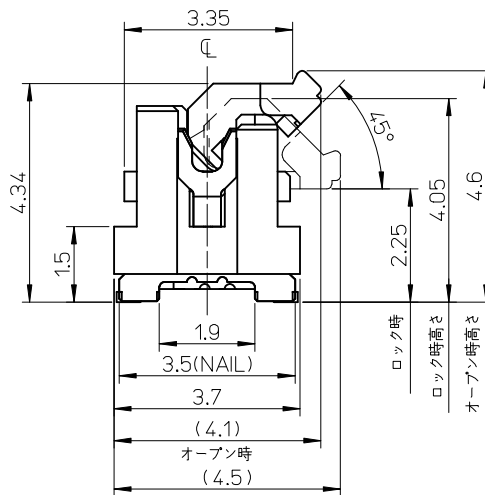




断面図 (参考)

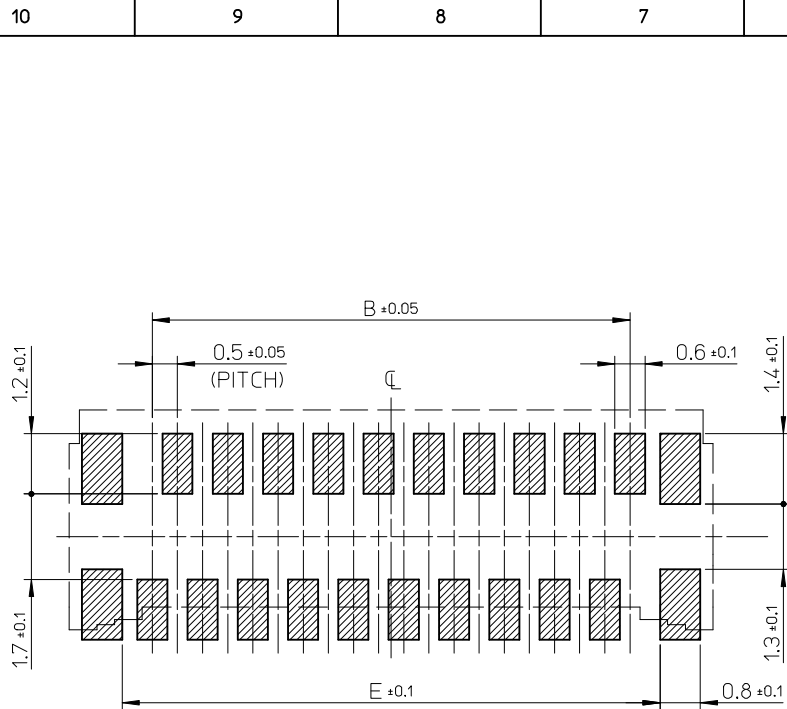


注記 NOTES

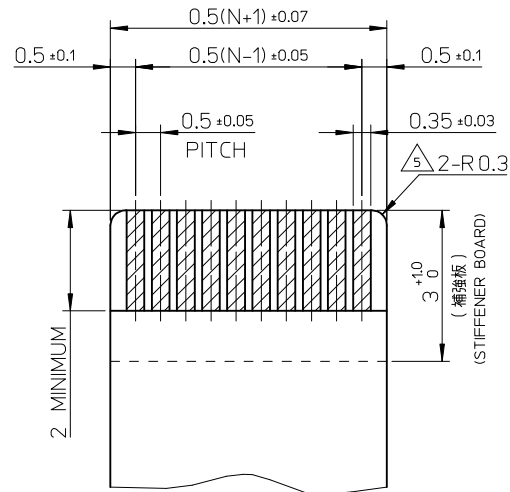
1. 使用材料 MATERIAL
ハウジング : 液晶ポリマー ガラス充填, UL94V-0(白)
HOUSING : LIQUID CRYSTAL POLYMER
GLASS FILLED, UL94V-0 (WHITE)
アクチュエータ : ポリアミド 9T, ガラス充填, UL94V-0(茶)
ACTUATOR : POLYAMIDE 9T, GLASS FILLED,
UL94V-0 (BROWN)
ターミナル : 銅合金(t=0.15)
TERMINAL : COPPER ALLOY
金具 : 銅合金(t=0.2)
FITTING NAIL : COPPER ALLOY
 2. めっき仕様 PLATING
ターミナル TERMINAL
ニッケル下地 錫ビスマスめっき
錫ビスマスめっき(1.0 μ m以上)
ニッケルめっき(1.0 μ m以上)
TIN BISMUTH(SnBi) OVER NICKEL(Ni) PLATING,
TIN BISMUTH(SnBi) PLATING (1.0 MICROMETER MINIMUM)
NICKEL PLATING (1.0 MICROMETER MINIMUM)
金具 FITTING NAIL
ニッケル下地 錫めっき
錫めっき(1.0 μ m以上)
ニッケルめっき(1.0 μ m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.

8	30.7	32.1	32.4	29.5	32.8	501951-6009	60
	25.7	27.1	27.4	24.5	27.8	501951-5009	50
	23.2	24.6	24.9	22	25.3	501951-4509	45
	20.7	22.1	22.4	19.5	22.8	501951-4009	40
	16.7	18.1	18.4	15.5	18.8	501951-3209	32
	15.7	17.1	17.4	14.5	17.8	501951-3009	30
	12.7	14.1	14.4	11.5	14.8	501951-2409	24
	11.7	13.1	13.4	10.5	13.8	501951-2209	22
F	E	D	C	B	A	MATERIAL NO.	CIRCUITS

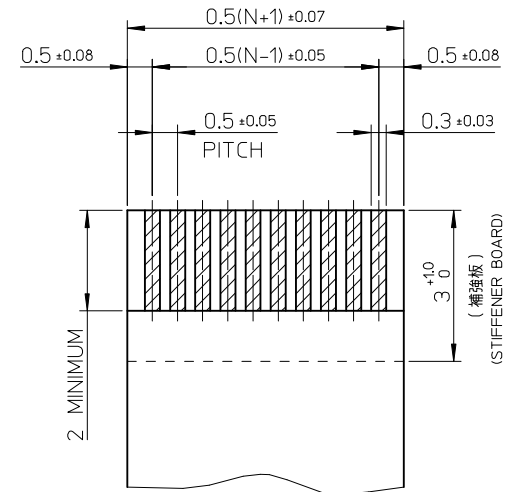
REVISED EC NO: J2015-0506 DRAWN: SANUMA 2014/10/24 CHKD: KATAHASHI 2014/11/10 APPR: YNOGAWA 2014/11/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY TRSUZUKI	DATE 2005/12/05	TITLE 0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (TIN-BISMUTH)			
		10 OVER 30 UNDER	± 0.25	CHECKED BY HHIRATA	DATE 2005/12/05				
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2005/12/05				
		ANGULAR ±1 °		MATERIAL NO. SEE CHART			DOCUMENT NO. SD-501951-001		SHEET NO. 1 OF 2
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED 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)



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。

ABOUT FPC:

- RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
- RECOMMENDED MATERIAL:
STIFFENER FILM: POLYIMIDE
BONDING AGENT: THERMOSETTING BONDING AGENT

SEE SHEET 1 OF 2 EC NO: J2015-0506 DRAWN: SANUMA 2014/10/21 CHKD: TAKAHASHI 2014/11/10 APPR: YNOGAWA 2014/11/13	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 2005/12/05	TITLE 0.5 FPC CONN. HSG ASSY EASY ON / STRAIGHT (TIN-BISMUTH) molex		
		10 OVER 30 UNDER	± 0.25	CHECKED BY HHIRATA	DATE 2005/12/05			
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2005/12/05			
		ANGULAR ±1 °		MATERIAL NO.			DOCUMENT NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OF 2		SD-501951-001		2 OF 2	
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10

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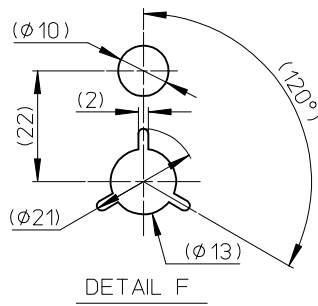
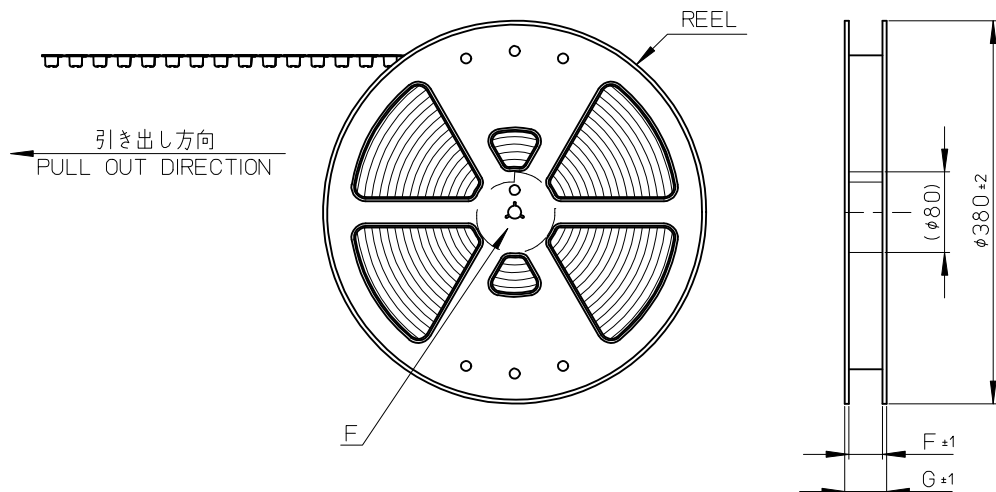
E

D

C

B

A

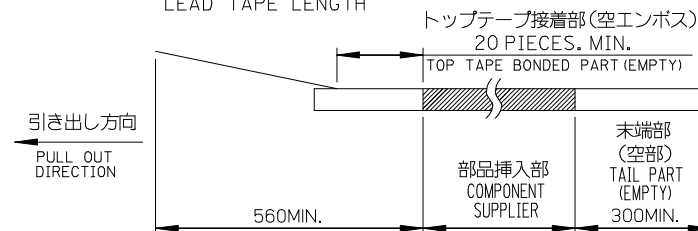


NOTES

1. 製品詳細寸法については SD-501951-001 を参照ください。
RE DETAILED DIMENSION, SEE SD-501951-001

2. 梱包数量: 2000 個/リール
NUMBER OF CONNECTORS: 2000 PIECES/REEL

3. 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 (PP)
CARRIER TAPE: POLYPROPYLENE (PP)
トップテープ: PET, PE, REF
TOP TAPE
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.

REVISED EC NO: J2015-0506 DRWN: SANUMA 2014/10/21 CHKD: TAKAHASHI 2014/11/10 APPR: YNOGAWA 2014/11/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	TRSUZUKI	2005/12/05	TITLE 0.5 FPC CONN. HSG ASSY E/O STRAIGHT EMBSTP PKG (TIN-BISMUTH)				
		10 OVER 30 UNDER	± 0.25	CHHIRATA	2005/12/05					
		30 OVER	± 0.3	MSASAO	2005/12/05	molex				
		ANGULAR ±1 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2 OF 2		SD-501951-002			1 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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8

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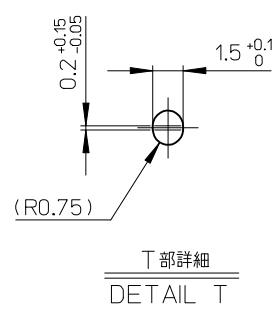
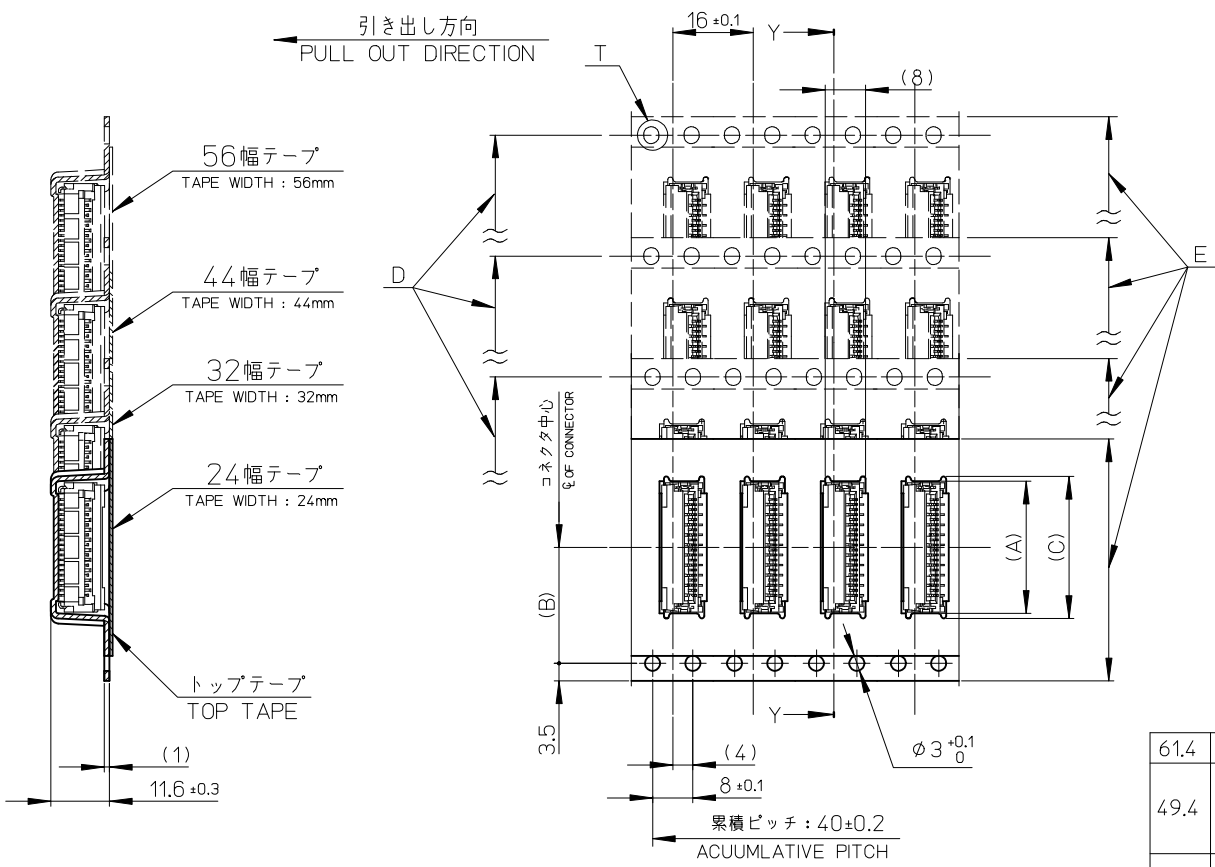
5

4

3

2

10 9 8 7 6 5 4 3 2 1



61.4	57.4	56±0.3	52.4	34.1	26.2	33.1	501951-6000	60
				29.1		28.1	501951-5000	50
49.4	45.4	44±0.3	40.4	26.6	20.2	25.6	501951-4500	45
				24.1		23.1	501951-4000	40
				20.1		19.1	501951-3200	32
37.4	33.4	32±0.3	28.4	19.1	14.2	18.1	501951-3000	30
				16.1		15.1	501951-2400	24
29.4	25.4	24±0.3	≡	15.1	11.5	14.1	501951-2200	22
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

断面 Y-Y
SECTION Y-Y

SEE SHEET 1 OF 2

EC NO.: J2015-0506

DRWN: NASUNUMA 2014/10/21

CHKD: TAKAHASHI 2014/11/10

APPR: YNOGAWA 2014/11/13

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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 TRSUZUKI

CHECKED BY HHIRATA

APPROVED BY MSASAO

DATE 2005/12/05

DATE 2005/12/05

DATE 2005/12/05

MATERIAL NO.

SEE CHART

SIZE A3

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

0.5 FPC CONN. HSG ASSY
E/O STRAIGHT EMBSTP PKG
(TIN-BISMUTH)

molex

SD-501951-002

DOCUMENT NO.

SHEET NO.
2 OF 2

9 8 7 6 5 4 3 2