

ターミナル
TERMINAL

回路番号1用マーク
CKT. NO.1 MARK

C

B

A

注記 (NOTE) :

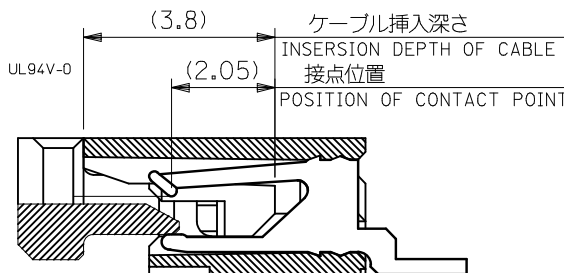
1. 材質 MATERIAL
ハウジング: ポリアミド (PA), ナチュラル (白色), ガラス充填, UL94V-0
HOUSING: POLYAMIDE, NATURAL (WHITE), GLASS FILLED, UL94V-0
アクチュエータ: ポリフェニレンスルファイド (PPS), ナチュラル (茶色), ガラス充填, UL94-V0
ACTUATOR: POLYPHENYLENE SULFIDE, NATURAL (BROWN), GLASS FILLED, UL94V-0
ターミナル: リン青銅 (I=0.32)
TERMINAL: PHOSPHOR BRONZE (I=0.32)
ネイル (補強金具): リン青銅 (I=0.25)
FITTING NAIL: PHOSPHOR BRONZE (I=0.25)
2. めっき仕様 PLATING
ターミナル TERMINAL
銅銀ビスマスめっき (1.0 μm以上)
TIN SILVER BISMUTH PLATING (1.0 MICROMETER MINIMUM)
下地: ニッケルめっき (1.0 μm以上)
UNDER PLATE: NICKEL PLATING (1.0 MICROMETER MINIMUM)
ネイル (補強金具) FITTING NAIL
銅めっき (1.0 μm以上)
TIN PLATING (1.0 MICROMETER MINIMUM)
下地: ニッケルめっき (1.0 μm以上)
UNDER PLATE: NICKEL PLATING (1.0 MICROMETER MINIMUM)
3. CO.3がFPC/FFCの導体部にかからないこと
CO.3 MUST NOT BE OVERLAPED TO PATTERN OF FPC/FFC.
4. エンボスステップ機能時は、アクチュエータがロックした状態とする。
IN THE PACKAGE, ACTUATOR SHOULD BE LOCKED.
5. パターン剥離止め用金具
FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
6. ソルダテール半田付け面、及び金具半田付け面の平坦度: 0.15mm MAX.
COPLANARITY OF SOLDER TAILS AND FITTING NAILS TO BE 0.15mm MAX.
7. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

ハウジング
HOUSING

アクチュエータ
ACTUATOR

金具
FITTING NAIL

接点部 (上面)
CONTACT POINT (UPPER SIDE)



断面D-D
SECT. D-D

38.7	35.2	33	52207-3433	34
34.7	31.2	29	-3033	30
33.7	30.2	28	-2933	29
32.7	29.2	27	-2833	28
31.7	28.2	26	-2733	27
30.7	27.2	25	-2633	26
29.7	26.2	24	-2533	25
28.7	25.2	23	-2433	24
27.7	24.2	22	-2333	23
26.7	23.2	21	-2233	22
25.7	22.2	20	-2133	21
24.7	21.2	19	-2033	20
23.7	20.2	18	-1933	19
22.7	19.2	17	-1833	18
21.7	18.2	16	-1733	17
20.7	17.2	15	-1633	16
19.7	16.2	14	-1533	15
18.7	15.2	13	-1433	14
17.7	14.2	12	-1333	13
16.7	13.2	11	-1233	12
15.7	12.2	10	-1133	11
14.7	11.2	9	-1033	10
13.7	10.2	8	-0933	9
12.7	9.2	7	-0833	8
11.7	8.2	6	-0733	7
10.7	7.2	5	-0633	6
9.7	6.2	4	-0533	5
8.7	5.2	3	-0433	4
7.7	4.2	2	52207-0333	3

C B A EMBOSSED PACKAGE ORDER NO. オーダー番号 極数 CKT.

CONNECTOR SERIES NO: 52207-***22

SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION

TITLE 1.0 MM FPC CONN. ZIF R/A HOUSING ASSY (UPPER CONTACT)

molex

DOCUMENT NO. SD-52207-069 SHEET NO. 1 OF 2

DIMENSION STYLE MM ONLY

DRAWN BY JOKAMURA DATE 2012/09/10
CHECKED BY KTAKAHASHI DATE 2012/09/11
APPROVED BY KMORIKAWA DATE 2013/03/15
MATERIAL NO.

SEE CHART

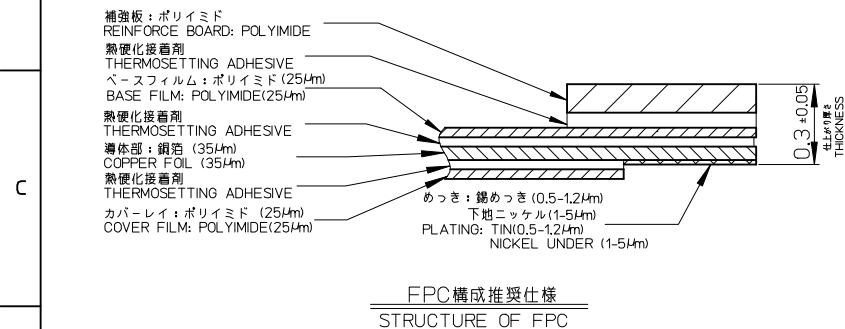
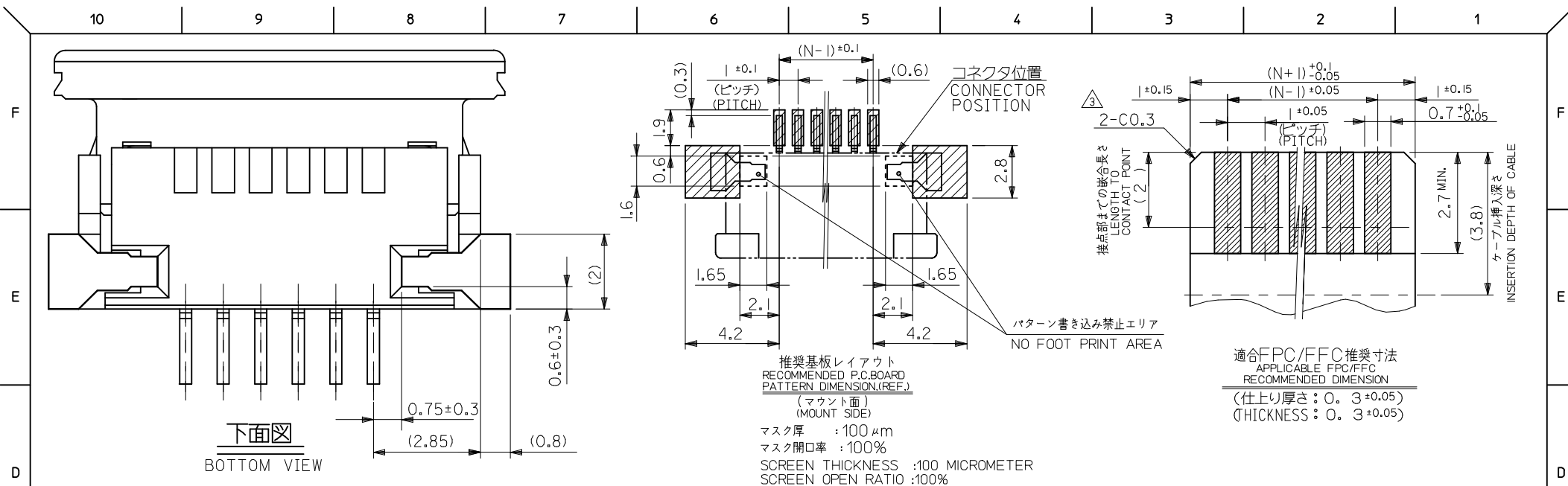
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3

ANGULAR ±3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

REVISED EC NO: J2014-0096
DRAWN BY: DRWNAISHI
CHECKED BY: CHKDKTAKAHASHI
APPROVED BY: APPR: YNOGAWA
REV B



FPC/FFCについて ABOUT FPC/FFC

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。

RECOMMENDED PUNCHING DIRECTION: FROM CONDUCTOR SIDE TO STIFFENER SIDE

RECOMMENDED CONDUCTOR SPEC: SOFT COPPER FOIL

RECOMMENDED CONDUCTOR THICKNESS: 35 MICROMETER OR 50 MICROMETER

FPCについて ABOUT FPC

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。

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

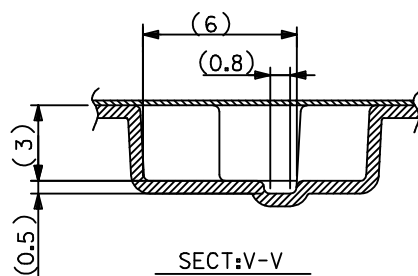
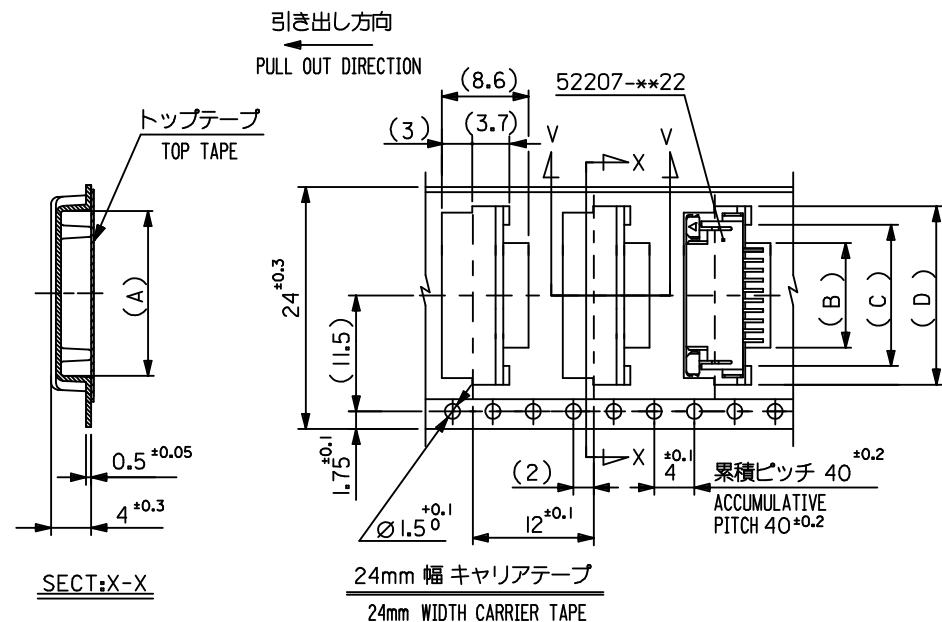
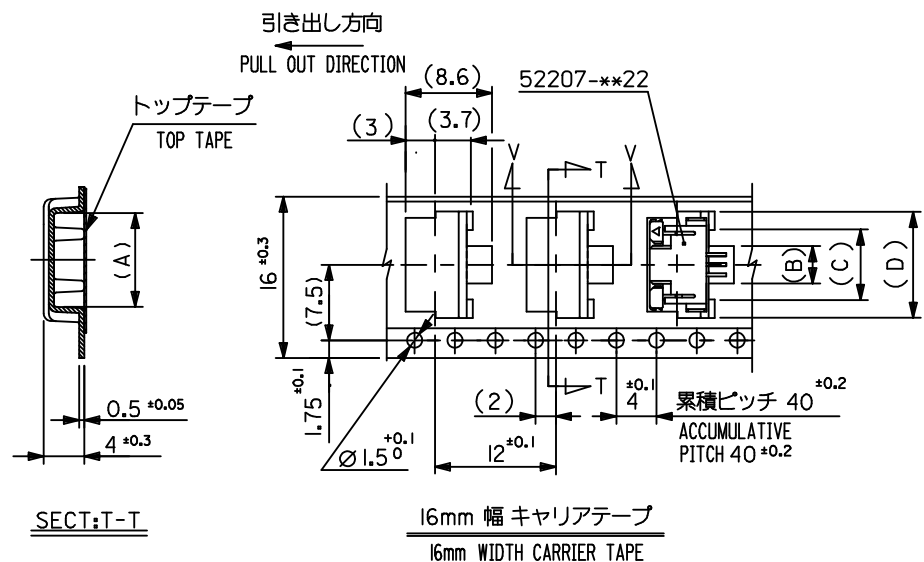
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE

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

A	SEE SHEET 1 OF 2 EC NO: J2014-0096 DRAWN BY: J2014-0096 CHKD BY: TAKAHASHI APPR: YNOGAWA	DESCRIPTION 10 UNDER 10 OVER 30 UNDER 30 OVER ANGULAR ±3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		---	METRIC			
				DRAWN BY DATE		TITLE 1.0 MM FPC CONN. ZIF R/A HOUSING ASSY (UPPER CONTACT)				
				JOKAMURA 2012/09/10						
				CHECKED BY DATE						
KTAKAHASHI 2012/09/11										
APPROVED BY DATE										
KMORIKAWA 2013/03/15										
MATERIAL NO.		DOCUMENT NO.			SHEET NO.					
SEE CHART		SD-52207-069			2 OF 2					
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

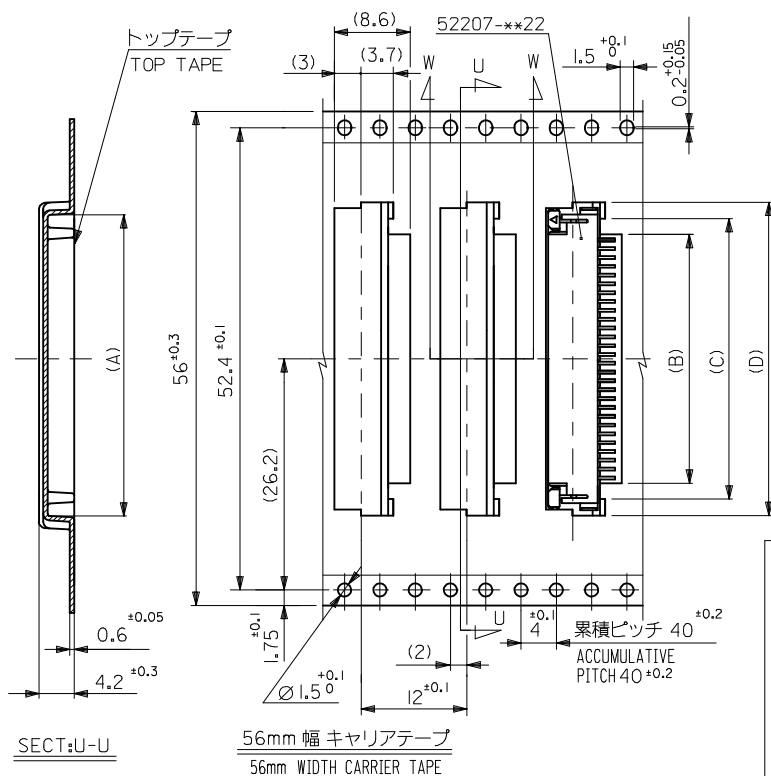
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10 9 8 7 6 5 4 3 2 1



24	29.4	25.4	18.5	15	11.7	17.3	52207-1133	11	
			17.5	14	10.7	16.3	4 -1033	10	
			16.5	13	9.7	15.3	-0933	9	
			15.5	12	8.7	14.3	-0833	8	
			14.5	11	7.7	13.3	-0733	7	
			13.5	10	6.7	12.3	-0633	6	
			12.5	9	5.7	11.3	-0533	5	
			11.5	8	4.7	10.3	7 -0433	4	
52207-**33	16	21.4	17.4	10.5	7	3.7	9.3	52207-0333	3
MODEL NO.	キャリアテープ幅 CARRIER TAPE WIDTH	H	E	(D)	(C)	(B)	(A)	MATERIAL NO.	極致 CKT.

RELEASED EC NO: J2013-1002 DRWN:NASUNUMA 2012/09/21 CHKD:KTAKAHASHI 2013/03/14 APPR:KMORIKAWA 2013/03/15	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY NASANUMA	DATE 2012/09/21	TITLE EMBOSS TAPE PACKAGED FOR 1.0 MM FPC CONN ZIF R/A HOUSING ASSY			
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2013/03/14				
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15	molex			
		ANGULAR	±3 °	MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-52207-070		SHEET NO. 1 OF 3
0	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



ELV AND RoHS COMPLIANT.

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 
10 UNDER	± 0.2	DRAWN BY NASANUMA	DATE 2012/09/21	TITLE EMBOSSSED TAPE PACKAGED 1.0 MM FPC CONN ZIF R/A HOUSING ASSY		
10 OVER 30 UNDER	± 0.25	CHECKED BY KTAHASHI	DATE 2013/03/14			
30 OVER	± 0.3	APPROVED BY KMORI KAWA	DATE 2013/03/15			
ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52207-070		3 OF 3
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				