

ターミナル
TERMINAL

回路番号1用マーク
CKT. NO.1 MARK

ハウジング
HOUSING

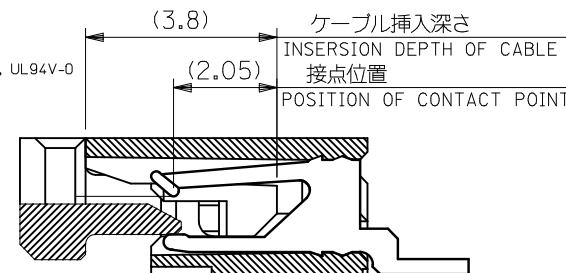
アクチュエータ
ACTUATOR

金具
FITTING NAIL

接点部 (上面)
CONTACT POINT (UPPER SIDE)

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ホン (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 (1+0.32)
TERMINAL: PHOSPHOR BRONZE (1+0.32)
ネイル (補強金具): リン青銅 (1+0.25)
FITTING NAIL: PHOSPHOR BRONZE (1+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. エンボス型で組立時は、アクチュエータがロックした状態とする。
5. IN THE PACKAGE, ACTUATOR SHOULD BE LOCKED.
6. FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B. PATTERN.
ソルダーテール半田付け面、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



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	EMBOSSD PACKAGE ORDER NO	オーダー番号	極 数 CKT.
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CONNECTOR SERIES NO: 52207-***22

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
---	METRIC	◎ □

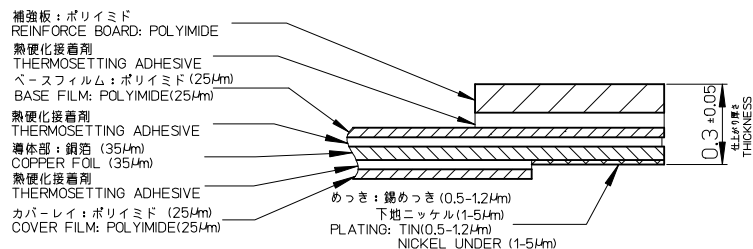
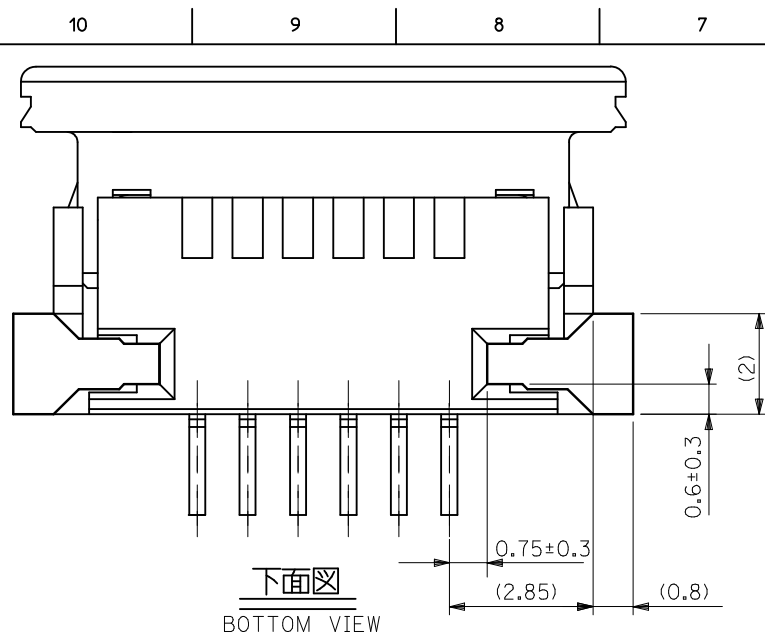
1.0 MM FPC CONN. ZIF R/A
HOUSING ASSY
(UPPER CONTACT)

molex

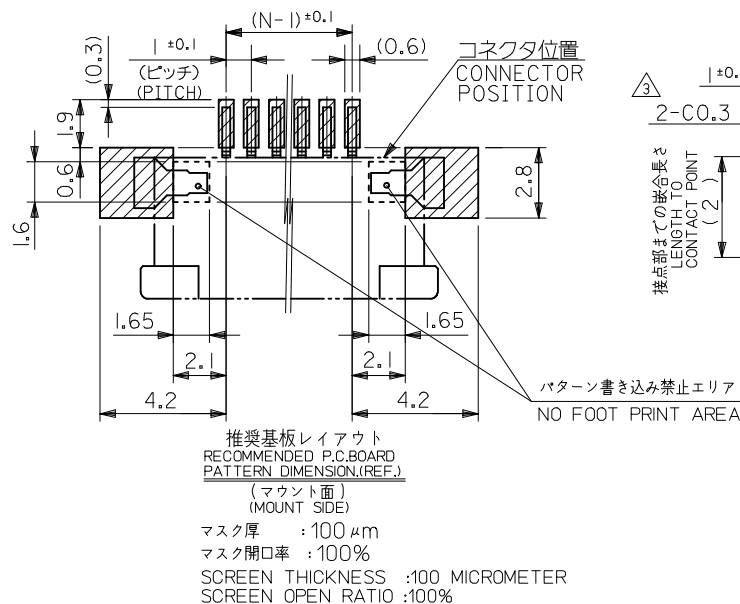
SD-52207-069

SHEET NO.
1 OF 2

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
10 UNDER	±0.2	DRAWN BY	DATE	TITLE		1.0 MM FPC CONN. ZIF R/A HOUSING ASSY (UPPER CONTACT)		molex	
10 OVER 30 UNDER	±0.25	JOKAMURA	2012/09/10						
30 OVER	±0.3	CHECKED BY	DATE	DOCUMENT NO.		SD-52207-069		SHEET NO. 1 OF 2	
ANGULAR ±3 °		KTAKAHASHI	2012/09/11						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		KMORIKAWA	2013/03/15						
		MATERIAL NO.							
		SIZE							
		A3							



FPC構成推奨仕様
STRUCTURE OF FPC



適合FPC/FFC推奨寸法
APPLICABLE FPC/FFC
RECOMMENDED DIMENSION
(仕上り厚さ: 0.3±0.05)
(THICKNESS: 0.3±0.05)

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

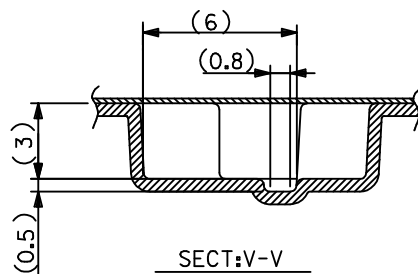
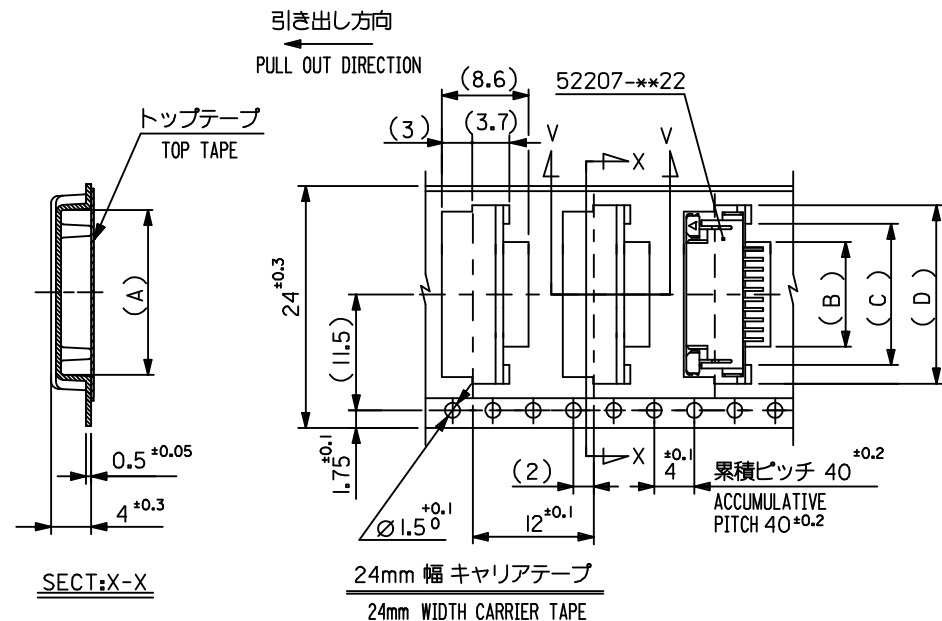
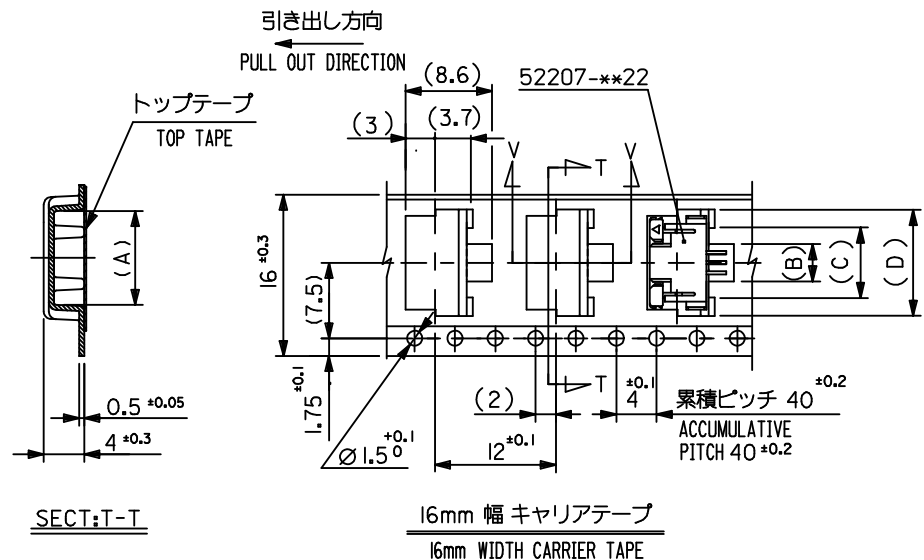
RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

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.

SEE SHEET 1 OF 2 EC NO: J2014-0096 DRAWN BY DRWNAISHI 2013/07/18 CHKD:KTAKAHASHI 2013/07/18 APPR:YNOGAWA 2013/08/19	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY JOKAMURA	DATE 2012/09/10	TITLE 1.0 MM FPC CONN. ZIF R/A HOUSING ASSY (UPPER CONTACT) molex DOCUMENT NO. SD-52207-069			
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/11				
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/03/15				
		ANGULAR ±3 °		MATERIAL NO.					SHEET NO. 2 OF 2
REV	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52207-069			
		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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.	極数 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	DATE	TITLE EMBOSS TAPE PACKAGED FOR 1.0 MM FPC CONN ZIF R/A HOUSING ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	APPROVED BY	DATE	molex				
		ANGULAR	±3 °	MATERIAL NO.	2013/03/15					
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		DOCUMENT NO. SD-52207-070		SHEET NO. 1 OF 3		
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2

