

注記NOTES

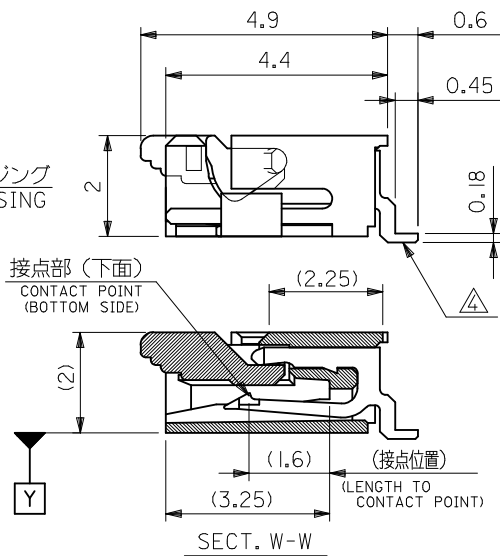
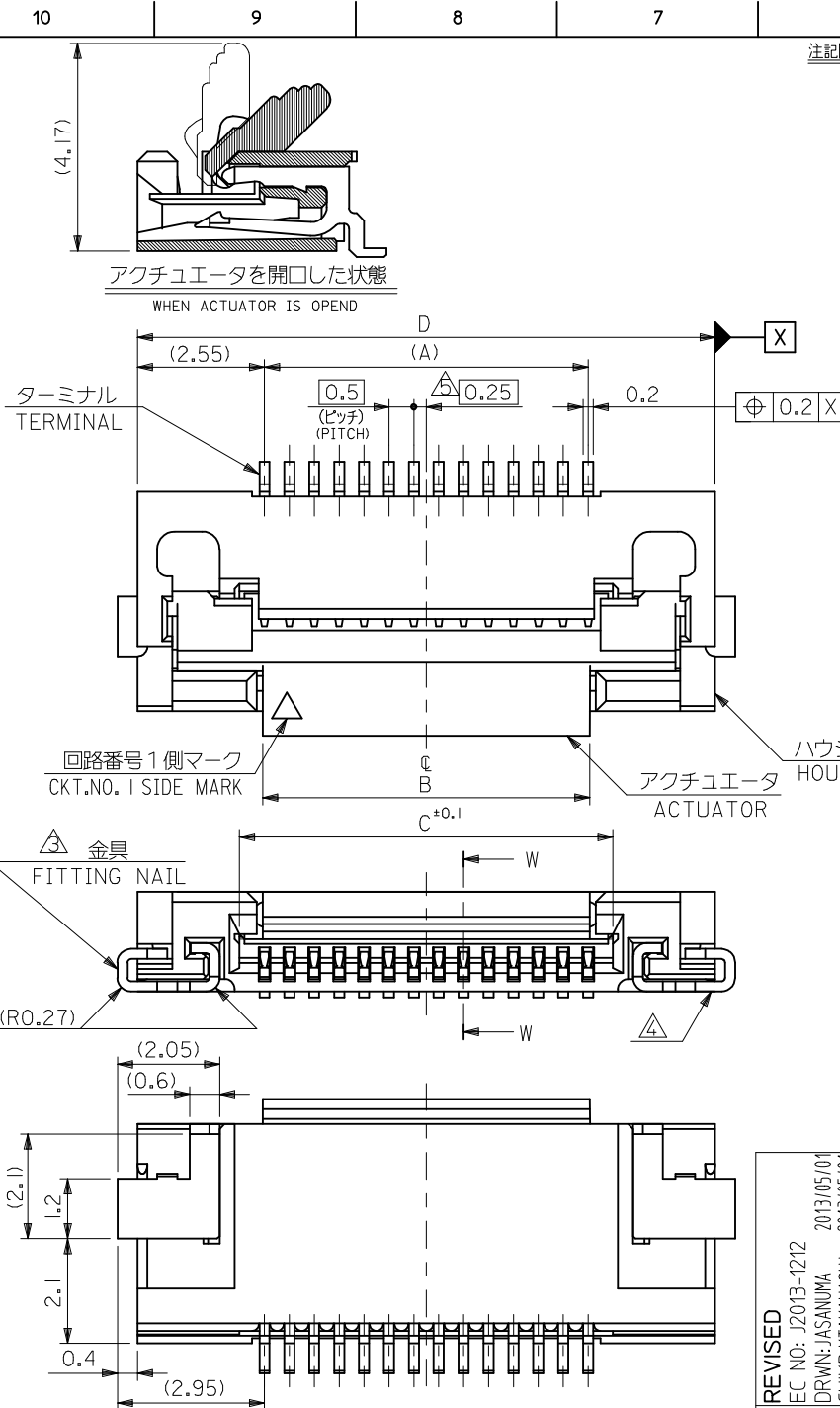
1. 使用材料 MATERIAL

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 : ポリフェニレンサルファイド(PPS)、ナチュラル(茶色)、ガラス充填、UL94V-0
 ACTUATOR : POLYPHENYLENE SULFIDE,NATURAL(BROWN),GLASS FILLED UL94V-0
 ターミナル : リン青銅(t=0.2)
 TERMINAL : PHOSPHOR BRONZE(t=0.2)
 金具 : リン青銅(t=0.2)
 FITTING NAIL : PHOSPHOR BRONZE(t=0.2)

2. メッキ仕様 PLATING

ターミナル
 TERMINAL
 銅銀ピマスメッキ(1.0 μm以上)
 下地メッキ: ニッケルメッキ(1.0 μm以上)
 TIN SILVER BISMUTH PLATING
 (1.0 MICROMETER MINIMUM)
 UNDER PLATING : NICKEL PLATING
 (1.0 MICROMETER MINIMUM)
 金具
 NAIL
 銅銀メッキ(1.0 μm以上)
 下地メッキ: ニッケルメッキ(1.0 μm以上)
 TIN BASED PLATING
 (1.0 MICROMETER MINIMUM)
 UNDER PLATING : NICKEL PLATING
 (1.0 MICROMETER MINIMUM)

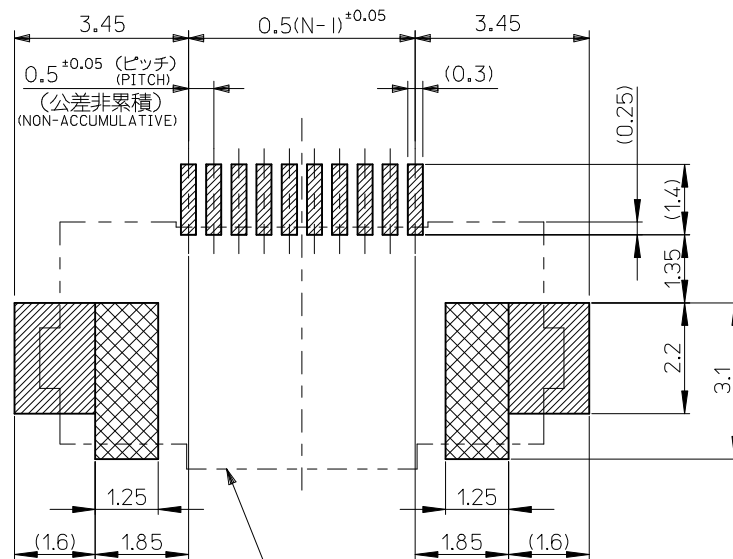
- △3 パターンはくり止め用金具
 FITTING NAIL FOR PREVENTION OF PEELING OF P.C.B PATTERN.
- △4 ソルダータール半田付け面のズレ量、及び金具はんだ付け面のズレ量は、基準面 Y
 に対し上方向0.05MAX、下方向0.2MAX、とする。
 MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM Y
 UPPER DIRECTION : 0.05 MAX. LOWER DIRECTION : 0.2 MAX.
- △5 偶数極に適用。
 APPLY FOR EVEN CIRCUIT.
- △6 R0.3は、FPCの導体部にならないこと。
 R0.3 MUST NOT BE OVERLAPPED TO PATTERN OF FPC.
- △7 18極以上は2か所、8~16極はハウジングセンターに1か所とする。
 18 CKTS AND MORE THAN 18 CKTS PLACED 2 POINTS.
 8~16 CKTS PLACED 1 POINT ON HOUSING CENTER.
8. ソルダータールの平坦度は、0.10 MAXIMUMとする。
 SOLDER TAIL COPLANARITY IS 0.10 MAXIMUM.
9. ELV及びRoHS適合品
 ELV AND ROHS COMPLIANT.



19.6	15.5	14.57	14.5	52892-3033	30
18.6	14.5	13.57	13.5	-2833	28
17.6	13.5	12.57	12.5	-2633	26
16.6	12.5	11.57	11.5	-2433	24
15.6	11.5	10.57	10.5	-2233	22
14.6	10.5	9.57	9.5	-2033	20
14.1	10.0	9.07	9.0	-1933	19
13.6	9.5	8.57	8.5	-1833	18
13.1	9.0	8.07	8.0	-1733	17
12.6	8.5	7.57	7.5	-1633	16
12.1	8.0	7.07	7.0	-1533	15
11.6	7.5	6.57	6.5	-1433	14
11.1	7.0	6.07	6.0	-1333	13
10.6	6.5	5.57	5.5	-1233	12
10.1	6.0	5.07	5.0	-1133	11
9.6	5.5	4.57	4.5	-1033	10
8.6	4.5	3.57	3.5	52892-0833	8
D	C	B	(A)	EMBOSSD TAPE ORDER No. オーダー番号	極数 CIRCUIT

CONNECTOR SERIES NO. : 52892-***22

REVISED EC NO: J2013-1212 DRWN: JASUNUMA 2013/05/01 CHKD: TAKAHASHI 2013/05/01 APPR: KMORIKAWA 2013/05/09	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY TMORISHITA	DATE 2012/09/20	TITLE 0.5MM FPC CONN ZIF R/A HOUSING ASSY (LOWER CONTACT)				
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/25					
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/04/05	molex				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52892-044			1 OF 3		
A	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



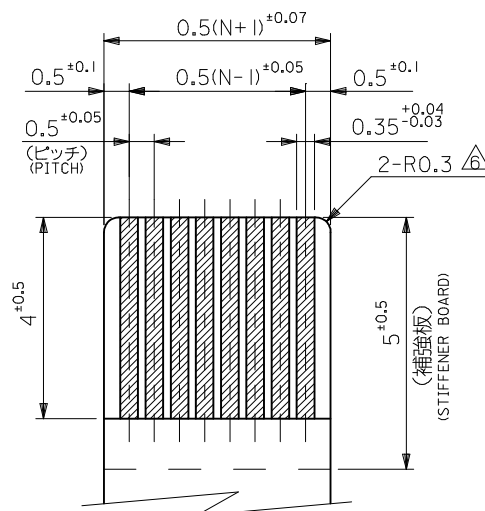
コネクタ位置
CONNECTOR
POSITION

 パターン禁止
NO PATTERN

推奨基板レイアウト
RECOMMENDED P.C.BOARD
PATTERN DIMENSION

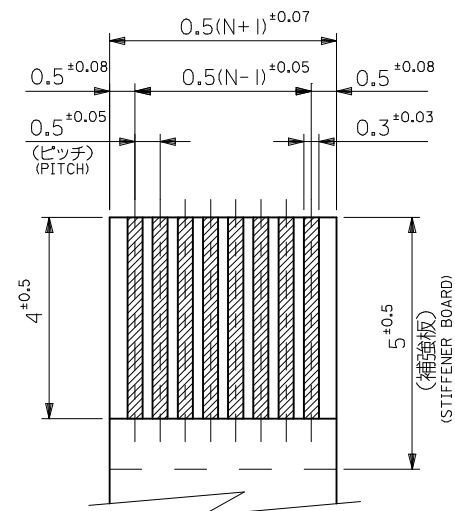
(マウント面)
(MOUNTING SIDE)

参考ペースト厚 : 100 μm
参考マスク開口率 : 100%
REFERENCE SCREEN THICKNESS : 100 μm
REFERENCE SCREEN OPEN RATIO : 100%



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)



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)

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箔銅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 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。

RECOMMENDED STIFFENER MATERIAL: POLYIMIDE

RECOMMENDED BASE FILM THICKNESS: 25 MICROMETER

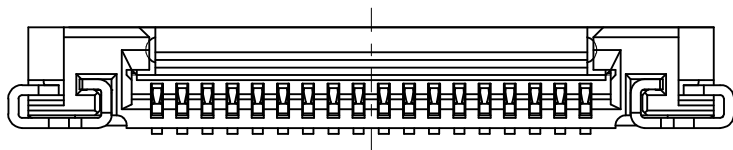
RECOMMENDED ADHESIVE: THERMOSETTING ADHESIVE

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

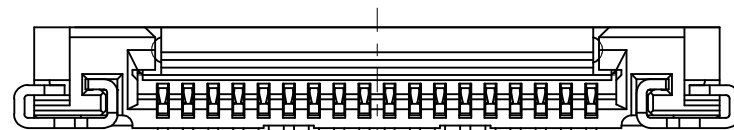
REVISED	EC NO: J2013-1212	2013/05/01	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
	DRWN: JASUNUMA	2013/05/01		10 UNDER	± 0.2	DRAWN BY TMORISHITA	DATE 2012/09/20	TITLE 0.5MM FPC CONN ZIF R/A HOUSING ASSY (LOWER CONTACT)			
	CHK: K TAKAHASHI	2013/05/01		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/25				
	APPR: KMORI KAWA	2013/05/09		30 OVER	± 0.3	APPROVED BY KMORI KAWA	DATE 2013/04/05				
	A	REV		ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		SEE SHEET 1 SD-52892-044 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

HSGの金型によって基板面に溝が有る製品と無い製品が存在します。
PRESENCE OR ABSENCE OF THE GROOVE TO HOUSING IS PRESENT.



ハウジング溝無し
NO GROOVE HOUSING



ハウジング溝付き
GROOVED HOUSING

REVISED EC NO: J2013-1212 DRWN: JASUNUMA 2013/05/01 CHKD: TAKAHASHI 2013/05/01 APPR: KMORIKAWA 2013/05/09 A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY TMORISHITA	DATE 2012/09/20	TITLE 0.5MM FPC CONN ZIF R/A HOUSING ASSY (LOWER CONTACT)			
		10 OVER 30 UNDER	± 0.25	CHECKED BY KTAKAHASHI	DATE 2012/09/25				
		30 OVER	± 0.3	APPROVED BY KMORIKAWA	DATE 2013/04/05	molex			
		ANGULAR ±3 °		MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-52892-044		3 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

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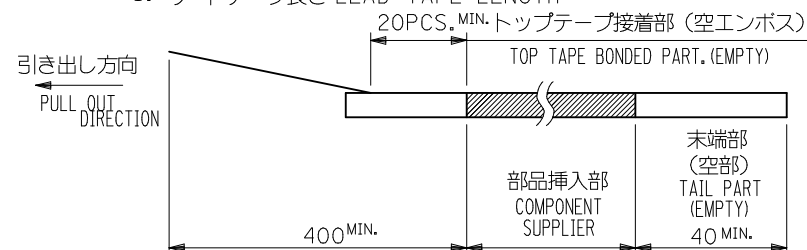
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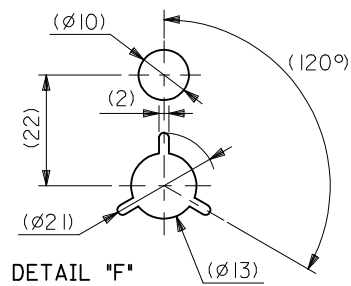
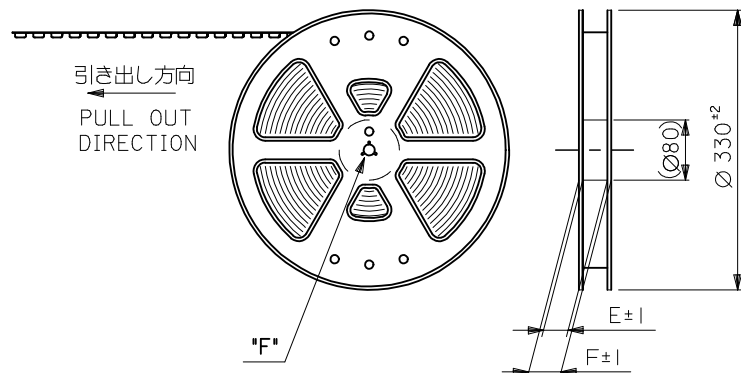
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注記 NOTES

- 製品詳細寸法については図面 SD-52892-044 を参照下さい。
RE DETAILED DIMENSION, SEE SD-52892-044
- 梱包数量：1000個/リール
NUMBER OF CONNECTORS : 1000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- カバートープの剥離強度については、IEC60286-3に準拠
COVER TAPE PEELFORCE IS DEFINED BY IEC60286-3.
- 材料(MATERIAL)
キャリアテープ(CARRIER TAPE)：ポリプロピレン(POLYPROPYLENE)
トップテープ(TOPTAPE)：PET , PE , PEF
リール(REEL)：ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- ELV及びRoHS適合品
ELV AND RoHS COMPLIANT



DETAIL "F"

RELEASED EC NO: J2013-1015 DRWN: TMORISHITA 2012/09/20 CHKD: KTAKAHASHI 2012/09/25 APPR: KMORIKAWA 2013/04/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± ---	DRAWN BY TMORISHITA	DATE 2012/09/20	TITLE EMBOSS TAPE PACKAGED FOR 0.5MM FPC CONN ZIF R/A HOUSING ASSY				
		10 OVER 30 UNDER	± ---	CHECKED BY KTAKAHASHI	DATE 2012/09/25					
		30 OVER	± ---	APPROVED BY KMORIKAWA	DATE 2013/04/05					
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52892-045		1 OF 2			
	0	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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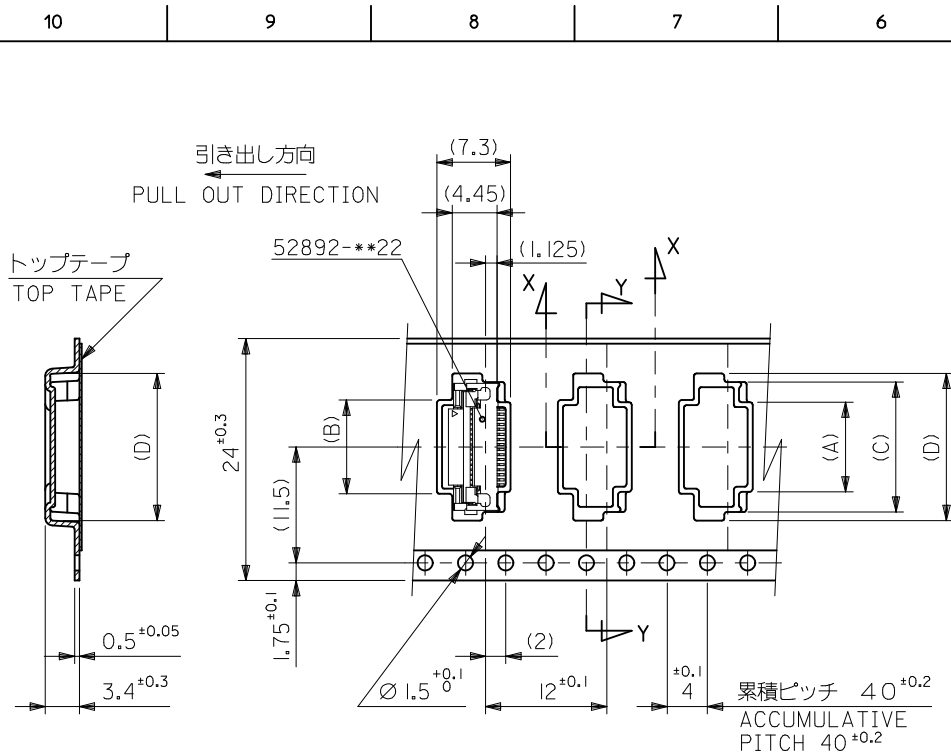
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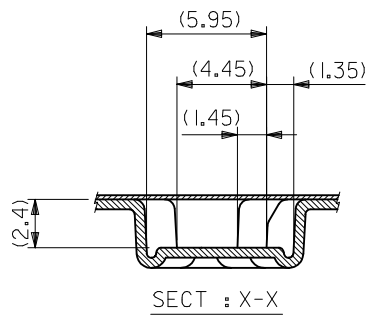
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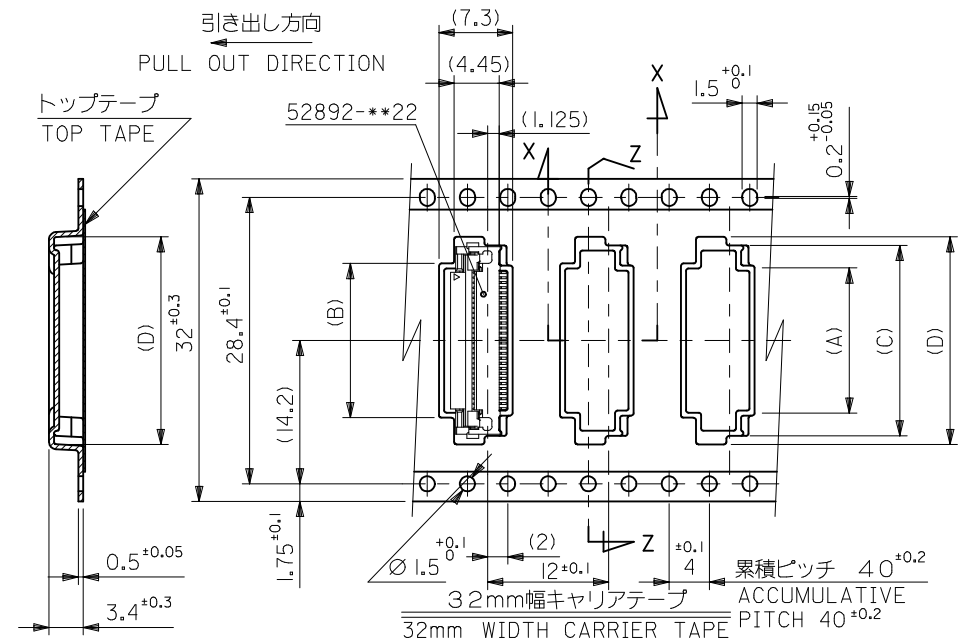


SECT : Y-Y

24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE



SECT : X-X



32	37.4	33.4	21.6	19.9	16.1	15.9	52892-3033	30
			20.6	18.9	15.1	14.9	-2833	28
			19.6	17.9	14.1	13.9	-2633	26
			18.6	16.9	13.1	12.9	-2433	24
			17.6	15.9	12.1	11.9	-2233	22
			16.6	14.9	11.1	10.9	-2033	20
			16.1	14.4	10.6	10.4	-1933	19
			15.6	13.9	10.1	9.9	-1833	18
			15.1	13.4	9.6	9.4	-1733	17
			14.6	12.9	9.1	8.9	-1633	16
			14.1	12.4	8.6	8.4	-1533	15
			13.6	11.9	8.1	7.9	-1433	14
			13.1	11.4	7.6	7.4	-1333	13
			12.6	10.9	7.1	6.9	-1233	12
			12.1	10.4	6.6	6.4	-1133	11
			11.6	9.9	6.1	5.9	-1033	10
			10.6	8.9	5.1	4.9	-933	9
							52892-0833	8
							EMBOSSED PACKAGE	極数
							ORDER No. オダー番号	CIRCUIT

CONNECTOR SERIES NO. : 52892-**22

RELEASED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO. J2013-1015		10 UNDER		MM ONLY		---		METRIC		◎ □	
DRWN: TMORISHITA		10 OVER 30 UNDER		DRAWN BY		DATE		TITLE		EMBOSS TAPE PACKAGED FOR	
CHKD: TAKAHASHI		30 OVER		CHECKED BY		DATE		0.5MM FPC CONN ZIF R/A		(LOWER CONTACT)	
APPR: KMORIKAWA		ANGULAR ±--- °		APPROVED BY		DATE		molex		DOCUMENT NO.	
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART		SD-52892-045		SHEET NO.	
0				A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				2 OF 2	