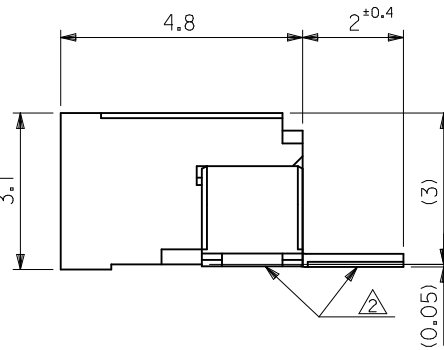
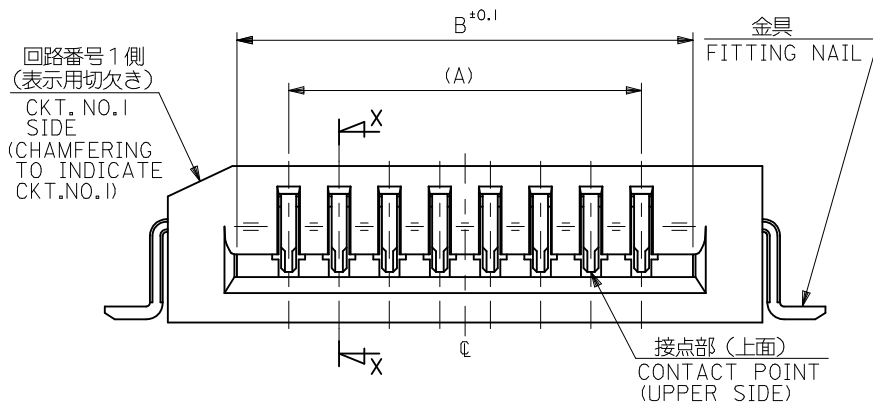
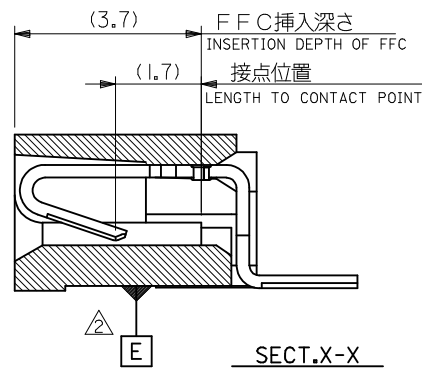
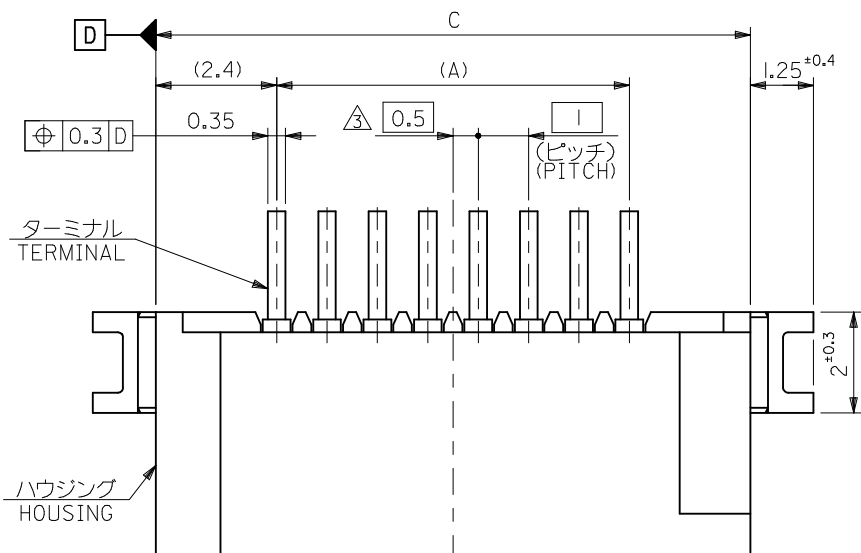


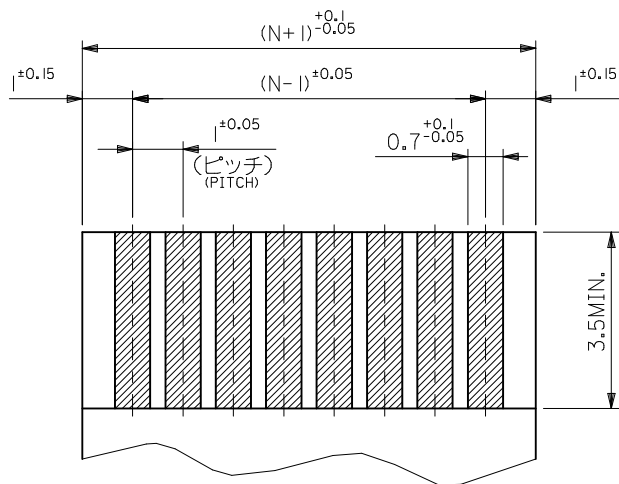
10 9 8 7 6 5 4 3 2 1



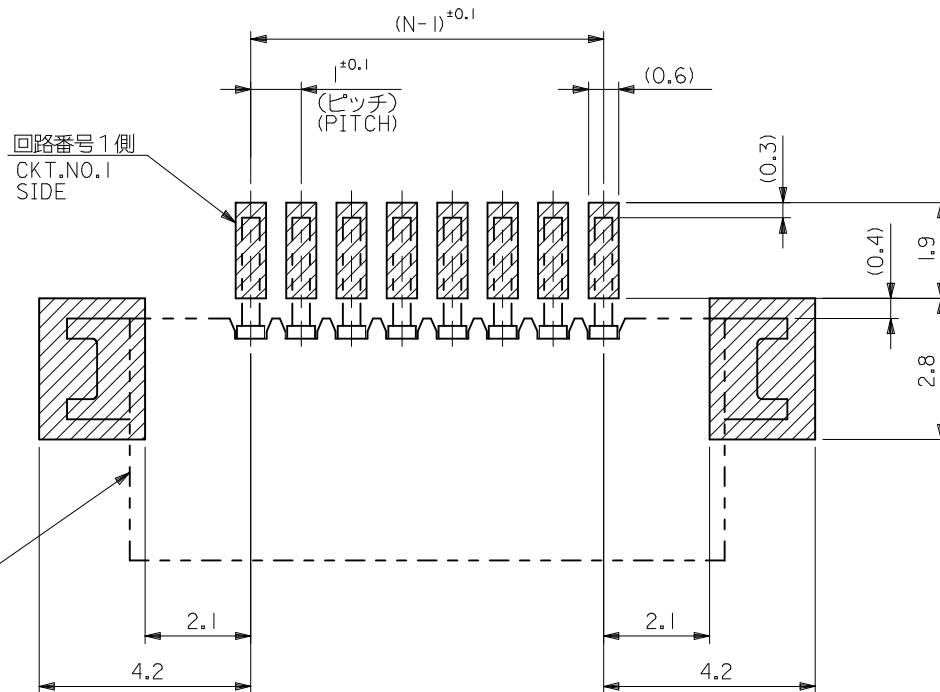
33.8	31.05	29	52793-3071	30
32.8	30.05	28	52793-2971	29
31.8	29.05	27	52793-2871	28
30.8	28.05	26	52793-2771	27
29.8	27.05	25	52793-2671	26
25.8	23.05	21	52793-2271	22
23.8	21.05	19	52793-2071	20
22.8	20.05	18	52793-1971	19
19.8	17.05	15	52793-1671	16
17.8	15.05	13	52793-1471	14
15.8	13.05	11	52793-1271	12
14.8	12.05	10	52793-1171	11
13.8	11.05	9	52793-1071	10
10.8	8.05	6	52793-0771	7
9.8	7.05	5	52793-0671	6
8.8	6.05	4	52793-0571	5
7.8	5.05	3	52793-0471	4
C	B	A	MATERIAL NO	極数 CIRCUIT

REVISED EC NO: J2014-0622 2013/10/07 DRWN: NINOUE01 CHKD: H I JMA 2013/10/08 APPR: YNOGAWA 2013/10/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NABEI	DATE '05/08/19	TITLE 1.0 FFC CONN NON ZIF SMT R/A (UPPER CONTACT) -LEAD FREE- molex				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE '05/08/19					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/08/19					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-014		1 OF 2		
G	REV			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



(仕上がり厚さ0.3 $\pm$ 0.03)
THICKNESS
適合FPC推奨寸法
APPLICABLE FPC
RECOMMENDED DIMENSION.



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

注記 NOTES:

1. 使用材料 MATERIAL

ハウジング : PPS, UL94V-0
ターミナル : リン青銅 (t=0.25)
メッキ : ニッケル下地

接点部 金メッキ
テール部 錫メッキ

金具 : リン青銅 (t=0.25)
メッキ : ニッケル下地純錫メッキ

HOUSING : PPS, UL94V-0
TERMINAL : PHOSPHOR BRONZE
PLATING : CONTACT AREA : GOLD PLATING
TAIL AREA : TIN PLATING
OVER NICKEL
FITTING NAIL : PHOSPHOR BRONZE
PLATING : TIN OVER NICKEL

△ 基準面 [E] からのソルダーテールとフィッティングネイルの半田付け面のズレ量は、
上方向に0.1MAX. 下方向0.15MAX. とする。

MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM [E]
: UPPER DIRECTION 0.1MAX. , LOWER DIRECTION 0.15MAX.

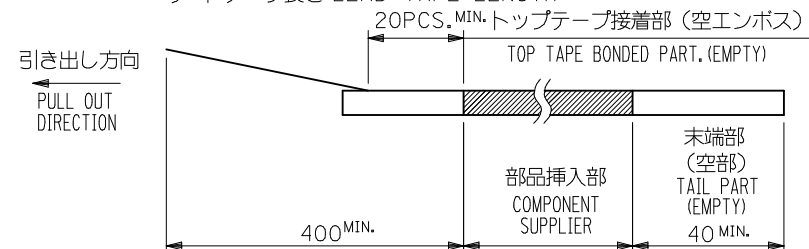
△ 偶数極に適用。

APPLY FOR EVEN CKT.

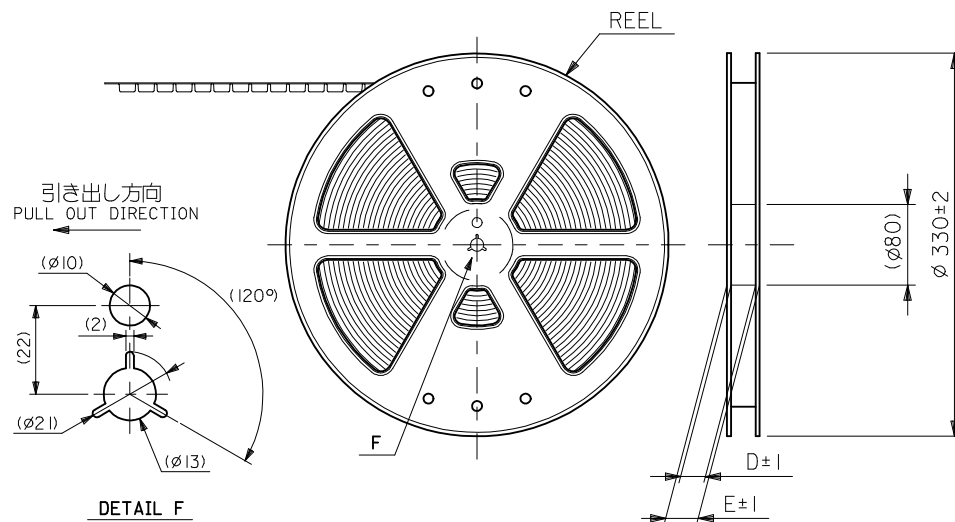
4. 本製品は 52793シリーズの金メッキ品である。
THIS PRODUCT IS Au PLATING OF 52793 SERIES.

REVISED	EC NO.: J2014-0622 DRAWN: NINOUE01 CHKD: H11JIMA APPR: YNOGAWA	2013/10/08 2013/10/08 2013/10/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				10 UNDER	±0.2	DRAWN BY M. NABEI	DATE '05/08/19	TITLE 1.0 FFC CONN NON ZIF SMT R/A (UPPER CONTACT) -LEAD FREE-		SHEET NO. 2 OF 2
				10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE '05/08/19			
				30 OVER	±0.3	APPROVED BY N. UKITA	DATE '05/08/19			
				ANGULAR ±3 °		MATERIAL NO. SEE SHEET 1		DOCUMENT NO. SD-52793-014		
				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				

- NOTES
- 製品詳細寸法については 製品単体図面 を参照下さい。
RE DETAILED DIMENSION, SEE SALES DRAWING FOR CONNECTOR.
 - 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



- 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>
- 本製品は 52793シリーズの金メッキ品である。
THIS PRODUCT IS Au PLATING OF 52793 SERIES.



REVISED EC NO: J2014-0622 2013/10/07 DRWN: NINOUE01 2013/10/08 CHKD: HIJIMA 2013/10/08 APPR: YNOGAWA 2013/10/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY M. NABEI	DATE '05/08/19	TITLE 1.0 FFC CONN NON ZIF SMT RA UPPER CONT EMBSTP PKG -LEAD FREE- molex	DOCUMENT NO. SD-52793-015	SHEET NO. 1 OF 5	
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE '05/08/19				
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/08/19				
		ANGULAR ±3 °		MATERIAL NO. SEE SHEET 2-5					
	REV	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				

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

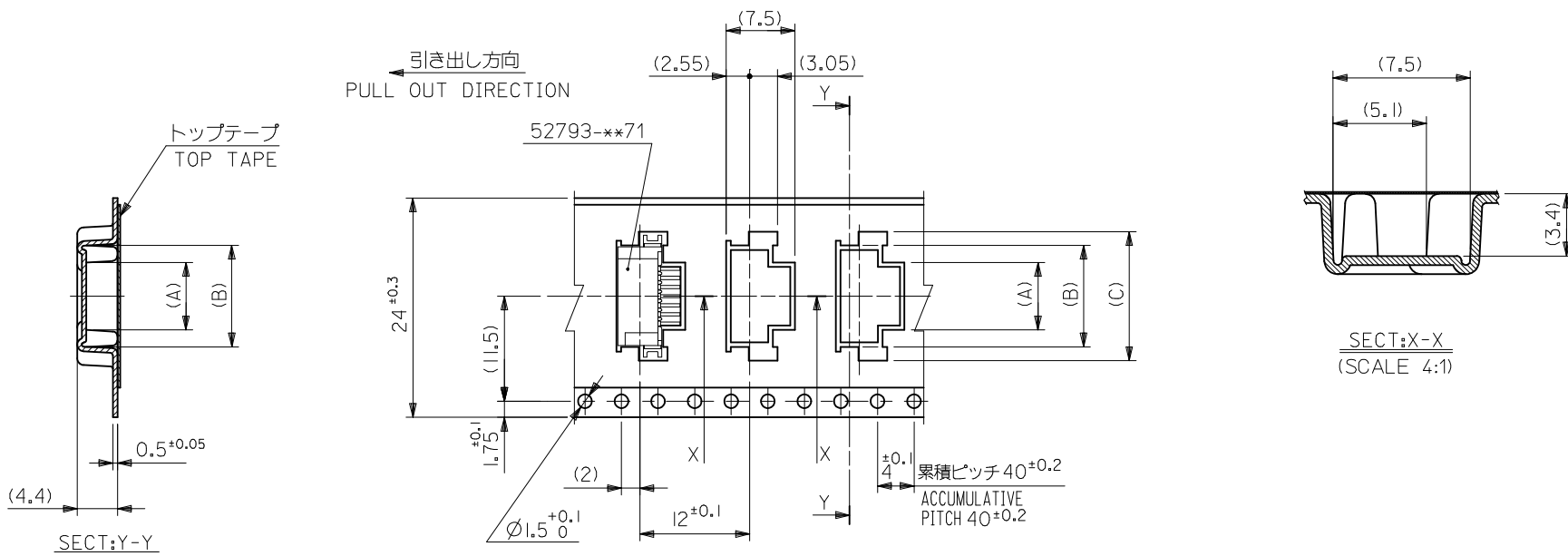
E

D

C

B

A



24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	18.1	15.1	11.4	52793-1172	11
			17.1	14.1	10.4	52793-1072	10
			14.1	11.1	7.4	52793-0772	7
			13.1	10.1	6.4	52793-0672	6
			12.1	9.1	5.4	52793-0572	5
			11.1	8.1	4.4	52793-0472	4
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL.NO.	極数 CKT.

REVISED EC NO: J2014-0622 2013/10/07 DRWN: NINOUE01 2013/10/08 CHKD: HIJIMA 2013/10/08 APPR: YNOGAWA 2013/10/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NABEI	DATE '05/08/19	TITLE 1.0 FFC CONN NON ZIF SMT RA UPPER CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE '05/08/19					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/08/19					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-015		2 OF 5		
	REV	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

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

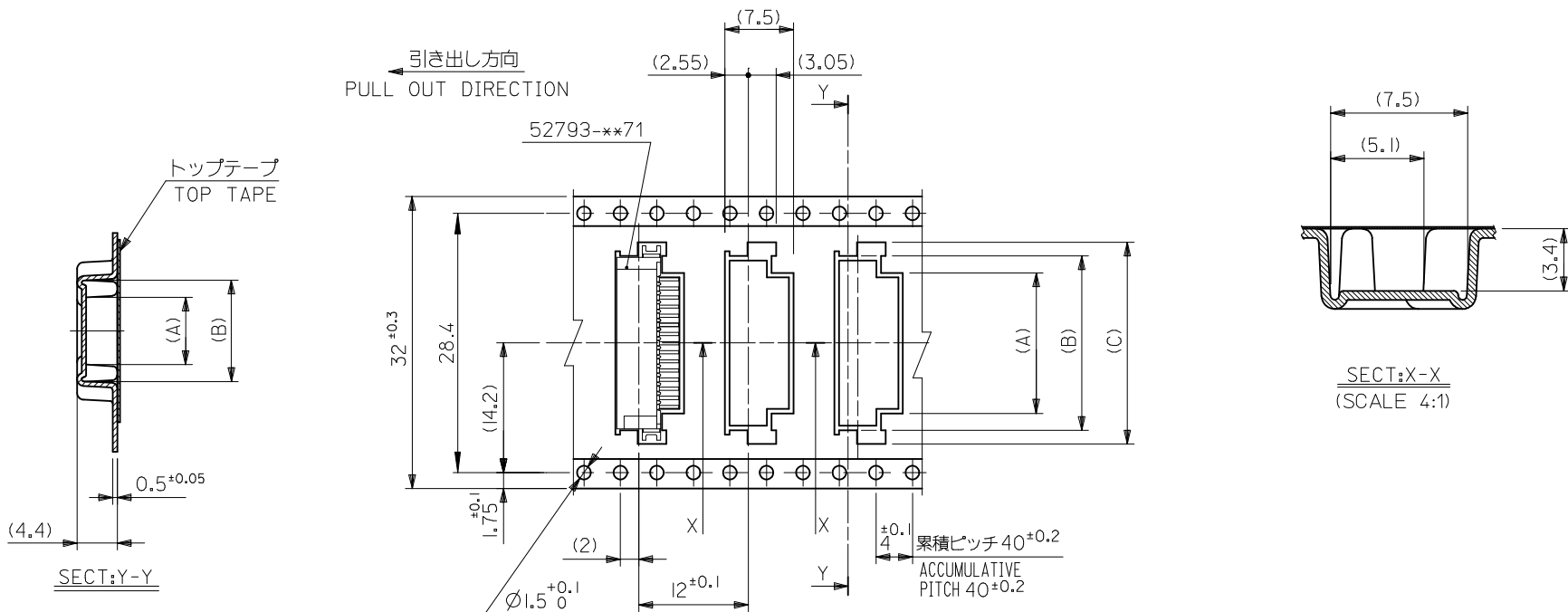
E

D

C

B

A



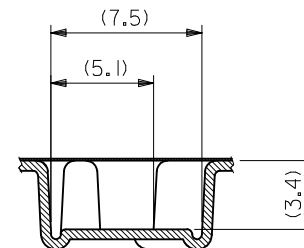
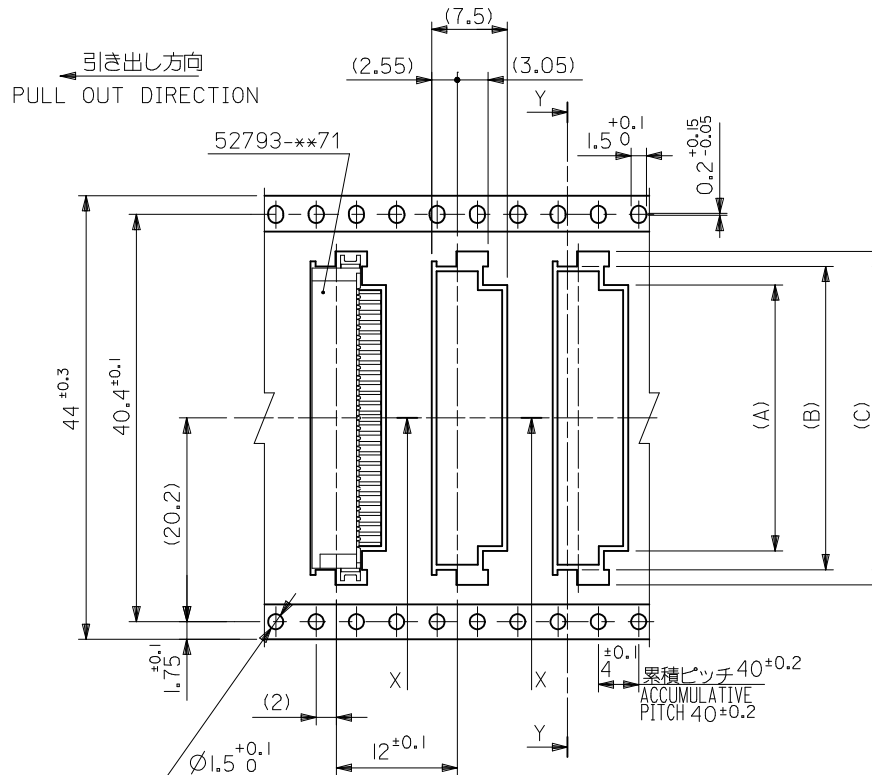
32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE

32	37.4	33.4	21.1	20.1	16.4	52793-1672	16
			23.1	18.1	14.4	52793-1472	14
			19.1	16.1	12.4	52793-1272	12
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL.NO.	種数 CKT.

REVISED EC NO: J2014-0622 DRWNG: NINOUE01 CHKD: HIJIMA APPR: YNOGAWA 2013/10/07 2013/10/08 2013/10/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY M. NABEI	DATE '05/08/19	TITLE 1.0 FFC CONN NON ZIF SMT RA UPPER CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	±0.25	CHECKED BY K. TOYODA	DATE '05/08/19					
		30 OVER	±0.3	APPROVED BY N. UKITA	DATE '05/08/19	molex				
		ANGULAR ±3 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-015			3 OF 5		
1	REV	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

10 9 8 7 6 5 4 3 2 1



SECT:X-X
(SCALE 4:1)

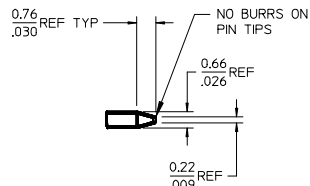
44mm幅キャリアテープ
44mm WIDTH CARRIER TAPE

44	49.4	45.4	34.1	31.1	27.4	52793-2772	27
			33.1	30.1	26.4	52793-2672	26
			29.1	26.1	22.4	52793-2272	22
			27.1	24.1	20.4	52793-2072	20
			26.1	23.1	19.4	52793-1972	19
キャリアテープ幅 CARRIER TAPE WIDTH	E	D	(C)	(B)	(A)	MATERIAL NO.	極数 CIRCUIT

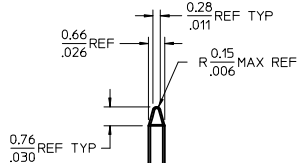
REVISED EC NO: J2014-0622 2013/10/07 DRWNG: NINOUE01 2013/10/08 CHKD: H I J IMA 2013/10/08 APPR: YNOGAWA 2013/10/08	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY M. NABEI	DATE '05/08/19	TITLE 1.0 FFC CONN NON ZIF SMT RA UPPER CONT EMBSTP PKG -LEAD FREE-				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. TOYODA	DATE '05/08/19					
		30 OVER	± 0.3	APPROVED BY N. UKITA	DATE '05/08/19					
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-52793-015				4 OF 5	
1	REV	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

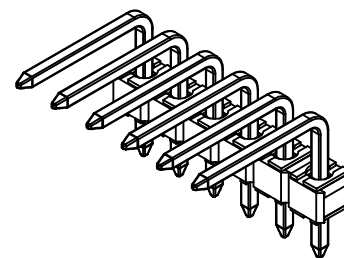
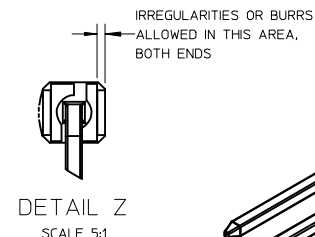
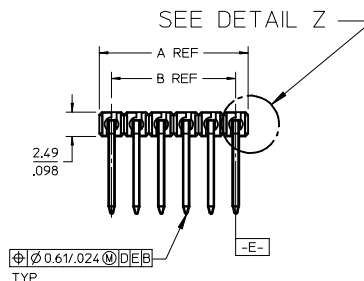
NO. CKTS	DIM. A	DIM. B
2	5.08 200	2.54 100
3	7.62 300	5.08 200
4	10.16 400	7.62 300
5	12.70 500	10.16 400
6	15.24 600	12.70 500
7	17.78 700	15.24 600
8	20.32 800	17.78 700
9	22.86 900	20.32 800
10	25.40 1000	22.86 900
11	27.94 1100	25.40 1000
12	30.48 1200	27.94 1100
13	33.02 1300	30.48 1200
14	35.56 1400	33.02 1300
15	38.10 1500	35.56 1400
16	40.64 1600	38.10 1500
17	43.18 1700	40.64 1600
18	45.72 1800	43.18 1700
19	48.26 1900	45.72 1800
20	50.80 2000	48.26 1900
21	53.34 2100	50.80 2000
22	55.88 2200	53.34 2100
23	58.42 2300	55.88 2200
24	60.96 2400	58.42 2300
25	63.50 2500	60.96 2400
26	66.04 2600	63.50 2500
27	68.58 2700	66.04 2600
28	71.12 2800	68.58 2700
29	73.66 2900	71.12 2800
30	76.20 3000	73.66 2900
31	78.74 3100	76.20 3000
32	81.28 3200	78.74 3100
33	83.82 3300	81.28 3200
34	86.36 3400	83.82 3300
35	88.90 3500	86.36 3400
36	91.44 3600	88.90 3500



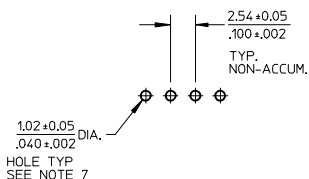
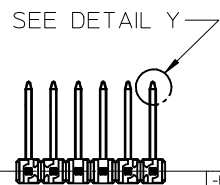
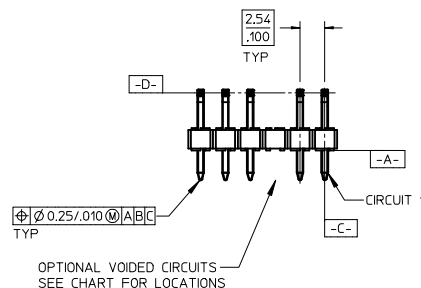
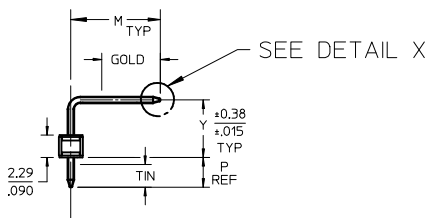
DETAIL X
SCALE 5:1
SEE NOTE 10



DETAIL Y
SCALE 5:1
SEE NOTE 10



- NOTES:
1. MATERIAL: GLASS FILLED NYLON
UL94V-0, COLOR: BLACK
 2. FINISH:
(154) OVERALL TIN: 0.00254/.000100 MIN. OVER NICKEL: 0.00127/.000050 MIN.
(197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL.
(208) SELECT GOLD: 0.00038/.000015 MIN.
SELECT TIN: 0.00254/.000100 MIN.
WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
(228) SELECT GOLD: 0.00076/.000030 MIN.
SELECT TIN: 0.00254/.000100 MIN.
WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
 3. PRODUCT SPECIFICATION: PS 10-07.
 4. PACKAGING INFORMATION: SEE TABLES
 5. SOLDERABILITY PER SMES-152.
 6. PIN PUSH OUT FORCE: 3 LBS. MIN
 7. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS.
HOLE SIZE MAY NEED TO BE ADJUSTED FOR 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB.
SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
 8. HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
 9. PARTS CONFORM TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.
DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.



PCB LAYOUT: COMPONENT SIDE
PCB THICKNESS: 1.57/.062

ADD 42376-0962 EC NO: UCP2013-3732 DRAWN/KIPPER 2013/03/04 CHKD: BANDERSON 2013/09/30 APPR: F. SMITH 2013/10/09	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- 0 PLACE ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM/IN DRAWN BY JSCHAFFER CHECKED BY SAMIEC APPROVED BY MARGULIS MATERIAL NO. SIZE B	SCALE 2:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION KK 100 HEADER ASSEMBLY FLAT RIGHT ANGLE BREAKAWAY molex DOCUMENT NO. SD-42376-001 SHEET NO. 1 OF *