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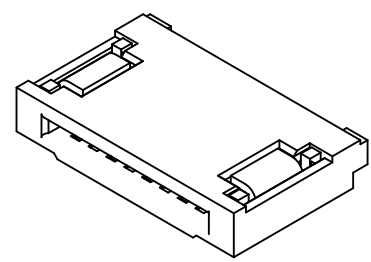
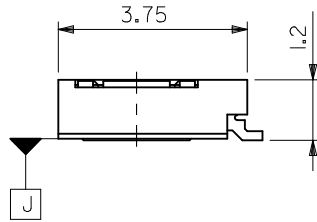
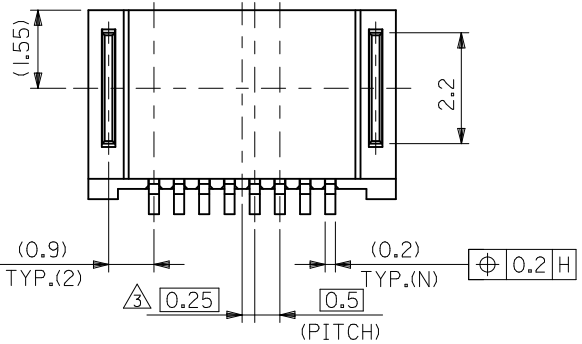
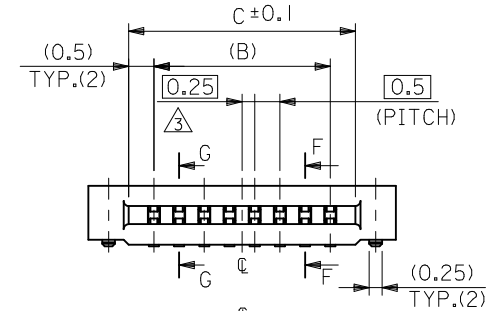
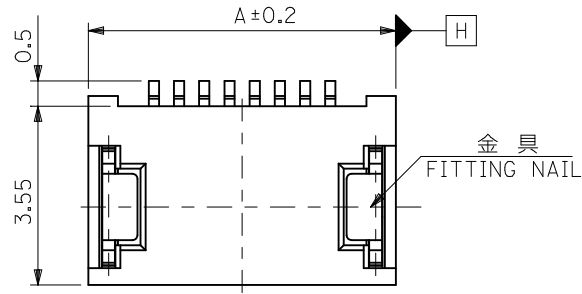
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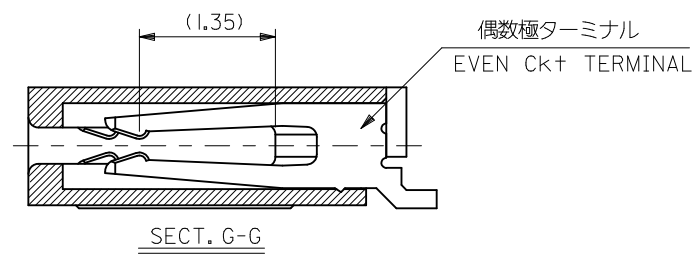
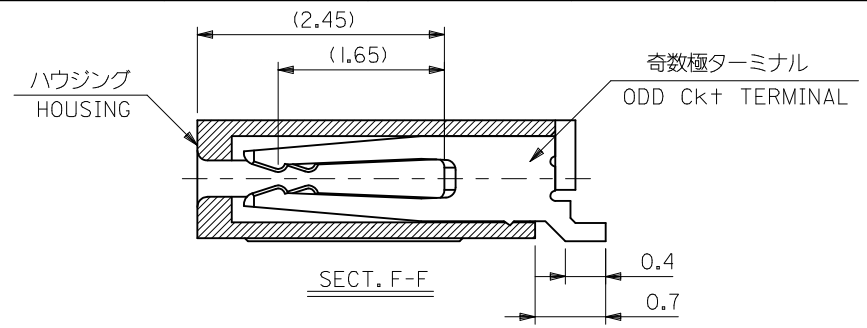
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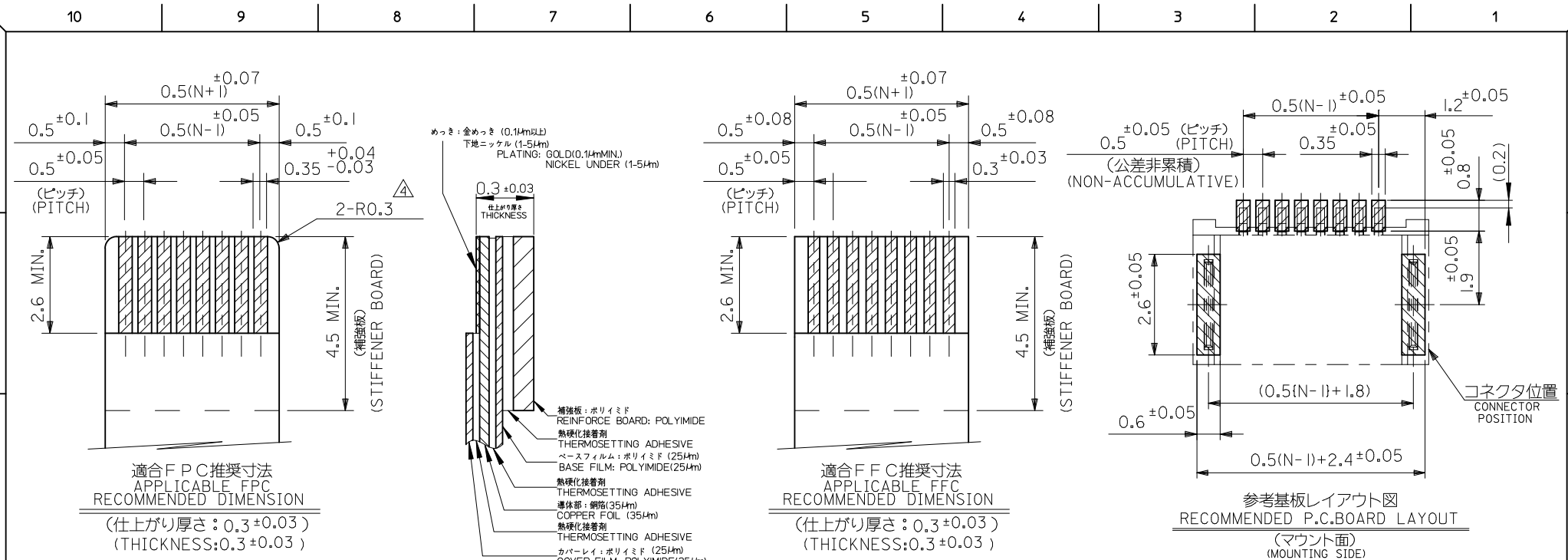


ISO VIEW (参考)



13.5	12.5	15.1	51281-2694	26
12.5	11.5	14.1	51281-2494	24
11.5	10.5	13.1	51281-2294	22
10.5	9.5	12.1	51281-2094	20
9.5	8.5	11.1	51281-1894	18
8.5	7.5	10.1	51281-1694	16
7.5	6.5	9.1	51281-1494	14
6.5	5.5	8.1	51281-1294	12
6.0	5.0	7.6	51281-1194	11
5.5	4.5	7.1	51281-1094	10
5.0	4.0	6.6	51281-0994	9
4.5	3.5	6.1	51281-0894	8
4.0	3.0	5.6	51281-0794	7
3.5	2.5	5.1	51281-0694	6
3.0	2.0	4.6	51281-0594	5
C	B	A	EMBOSSED TAPE	CIRCUIT
			ORDER No. オーダー番号	

REVISED EC NO: J2011-0538 DRWN: TONO CHKD: H I JMA APPR: KMORIKAWA 2010/10/12 2010/10/12 2010/10/13	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		10 UNDER	±0.2	DRAWN BY KENSUZUKI	DATE 2004/10/19	TITLE 0.5 FPC CONN NON-ZIF HSG ASSY (HGT=1.2MM)					
		10 OVER 30 UNDER	±0.25	CHECKED BY NUKITA	DATE 2004/10/19						
		30 OVER	±0.3	APPROVED BY KMORIKAWA	DATE 2010/10/13	MOLEX INCORPORATED					
		ANGULAR ±3 °		MATERIAL NO.							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-51281-011		SHEET NO. 1 OF 2			
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



注記 NOTES

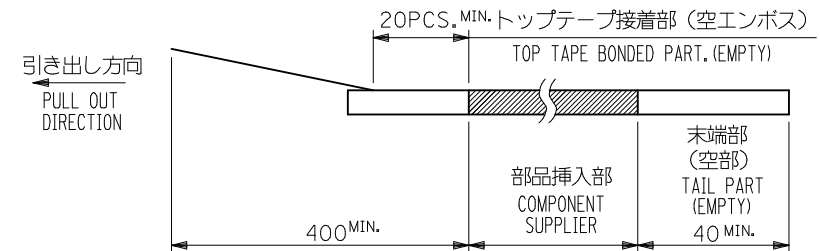
1. 使用材料 MATERIAL
ハウジング : 液晶ポリマー ガラス充填 UL94V-0
HOUSING : LIQUID CRYSTAL POLYMER (GLASS FILLED) UL94V-0
ターミナル : リン青銅 (t=0.2), ニッケル下地
TERMINAL : PHOSPHOR-BRONZE, TAIL : TIN
CONTACT : GOLD
OVER NICKEL PLATING
金具 : リン青銅 (t=0.25), ニッケル下地 純錫メッキ
FITTING NAIL : PHOSPHOR-BRONZE, PURE-TIN OVER NICKEL PLATING.
△ ソルダータール半田付け面のズレ量、及び金具半田付け面のズレ量は、基準面 □ に対し、
上方向 0.1 MAXIMUM 下方向 0.15 MAXIMUM とする。
又、相互のバラツキ量は 0.1 MAXIMUM とする。
MISALIGNMENT OF SOLDER TAILS AND FITTING NAILS FROM □
UPPER DIRECTION : 0.1 MAXIMUM, LOWER DIRECTION : 0.15 MAXIMUM.
OFFSET BETWEEN SOLDER TAILS AND FITTING NAILS : 0.1 MAXIMUM.
△ 偶数極に適用。
TO BE APPLIED ONLY WHEN ALL CIRCUIT ARE EVEN.
△ R0.3は、FPCの導体部にかからないこと。
R0.3 MUST NOT BE ERLAPPED TO PATTERN OF FPC.
5. FPC/FFCについて:
打抜き方向は導体側から補強板側を推奨いたします。
導体部については軟銅箔35μmまたは50μm
メッキ厚 0.1μm 以上 金メッキ (電気メッキ)
を推奨いたします。
RECOMMENDED PUNCHER DIRECTION :
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE.
RECOMMENDED CONDUCTOR SPEC :
THICKNESS OF SOFT COPPER FOIL : 35 μm or 50 μm
GOLD PLATING : 0.1 μm MIN. (ELECTRICAL PLATING)

6. 本製品は51281-**20の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 51281-**20.
7. ソルダータールの平坦度は、0.1 MAXIMUMとする。
SOLDER TAIL COPLANARITY IS 0.1 MAXIMUM.
8. ELV 及び RoHS 適合品。
ELV AND RoHS COMPLIANT.

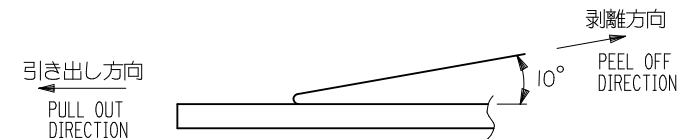
REVISED EC NO.: J2011-0538 DRWN: TONO CHKD: H. IJIMA APPR: KMORIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN NON-ZIF HSG ASSY (HGT=1.2MM)				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	APPROVED BY	DATE	MOLEX INCORPORATED				
		ANGULAR ±3 °	MATERIAL NO.		DOCUMENT NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1 OF 2		SD-51281-011		2 OF 2			
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

NOTES

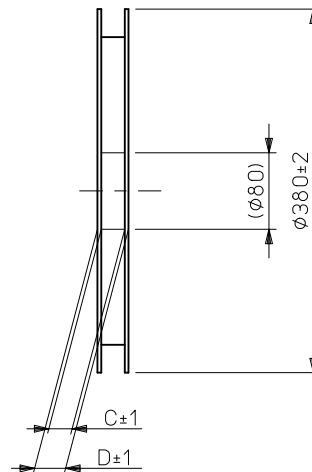
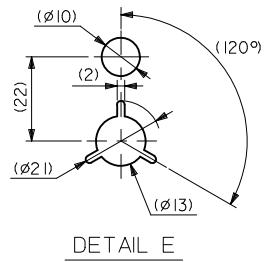
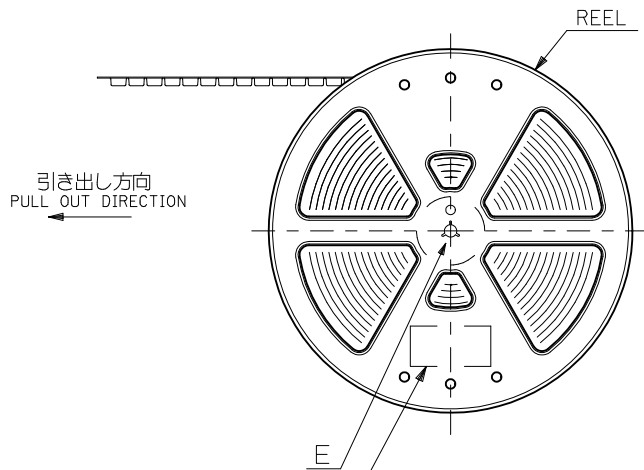
- 製品詳細寸法については図面 SD-51281-011 を参照下さい。
RE DETAILED DIMENSION, SEE SD-51281-011
- 梱包数量：3000個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- トップテープの剥離強度：0.1N~1.3N {10gf~130gf}
(剥離方向は下図参照)
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)
PEELING OFF FORCE OF TOP TAPE : 0.1N~1.3N {10gf~130gf}
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



- 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 (TOP TAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材含む>
POLYSTYREN (PS) <RECYCLE MATERIAL CONTAINED>
- C, D 寸法は SHEET 2 ~ 3 を参照下さい。
SEE SHEET 2 ~ 3 (DIMENSION C, D).
- ELV 及び RoHS 適合品。
ELV AND RoHS COMPLIANT.



REVISED	EC NO. J2010-2187	DRWN: TONO CHKD: H I J IMA APPR: KMORIKAWA	2010/04/30 2010/09/15 2010/10/04	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					10 UNDER	± 0.2	DRAWN BY KENSUZUKI	DATE 2004/10/19	TITLE 0.5 FPC CONN NON-ZIF (HGT=1.2MM) EMBSTP PKG				
					10 OVER 30 UNDER	± 0.25	CHECKED BY NUKITA	DATE 2004/10/19					
					30 OVER	± 0.3	APPROVED BY NUKITA	DATE 2004/10/19	 MOLEX INCORPORATED				
					ANGULAR ±3 °		MATERIAL NO.						DOCUMENT NO.
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 2~4		SD-51281-012		1 OF 4		
				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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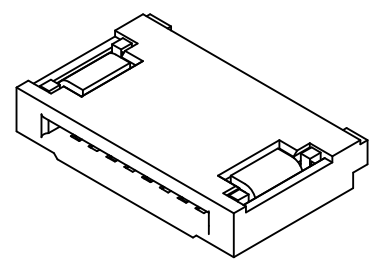
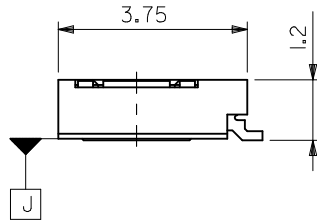
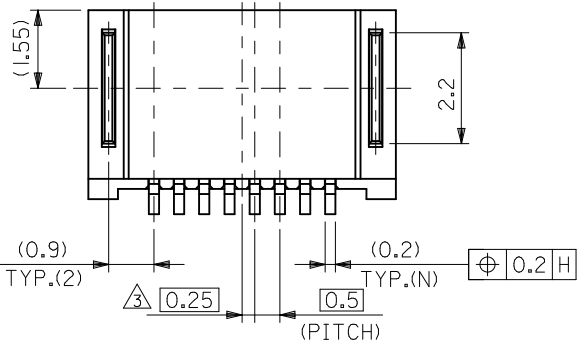
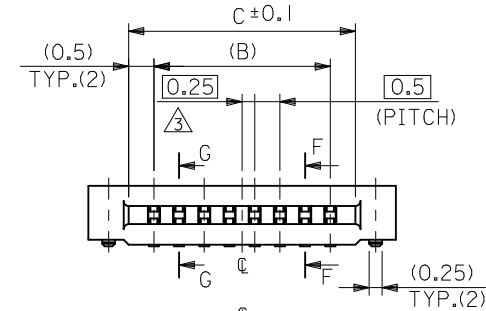
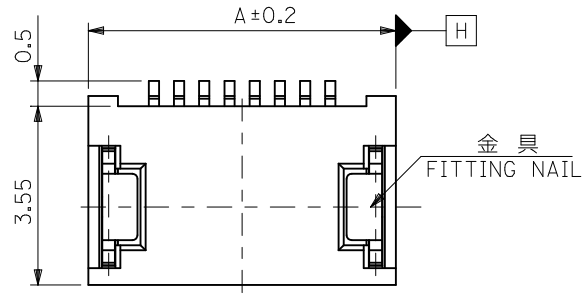
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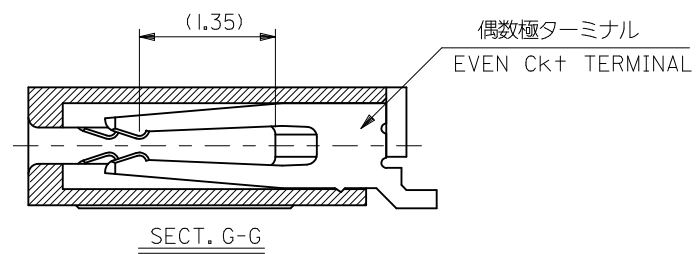
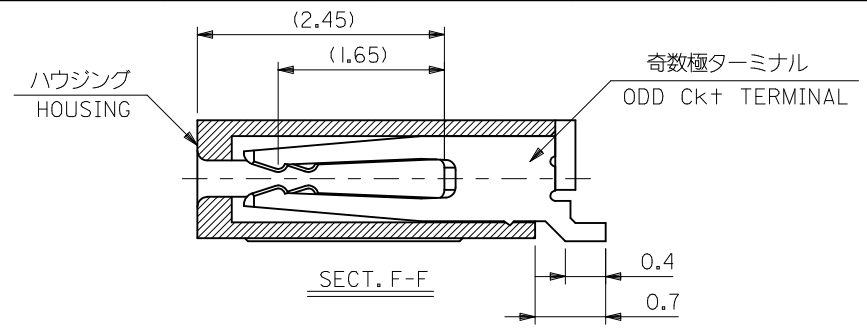
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ISO VIEW (参考)



13.5	12.5	15.1	51281-2694	26
12.5	11.5	14.1	51281-2494	24
11.5	10.5	13.1	51281-2294	22
10.5	9.5	12.1	51281-2094	20
9.5	8.5	11.1	51281-1894	18
8.5	7.5	10.1	51281-1694	16
7.5	6.5	9.1	51281-1494	14
6.5	5.5	8.1	51281-1294	12
6.0	5.0	7.6	51281-1194	11
5.5	4.5	7.1	51281-1094	10
5.0	4.0	6.6	51281-0994	9
4.5	3.5	6.1	51281-0894	8
4.0	3.0	5.6	51281-0794	7
3.5	2.5	5.1	51281-0694	6
3.0	2.0	4.6	51281-0594	5
C	B	A	EMBOSSED TAPE ORDER No. オーダー番号	CIRCUIT

REVISED EC NO: J2011-0538 DRWN: TONO CHKD: H I JMA APPR: KMORI KAWA 2010/10/12 2010/10/12 2010/10/13	DESCRIPTION J	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	CONNECTOR SERIES NO. : 51281-***40		
		10 UNDER	±0.2	DRAWN BY KENSUZUKI	DATE 2004/10/19	TITLE 0.5 FPC CONN NON-ZIF HSG ASSY (HGT=1.2MM)				
		10 OVER 30 UNDER	±0.25	CHECKED BY NUKITA	DATE 2004/10/19					
		30 OVER	±0.3	APPROVED BY KMORI KAWA	DATE 2010/10/13	MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51281-011						
		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

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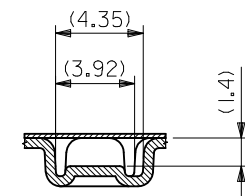
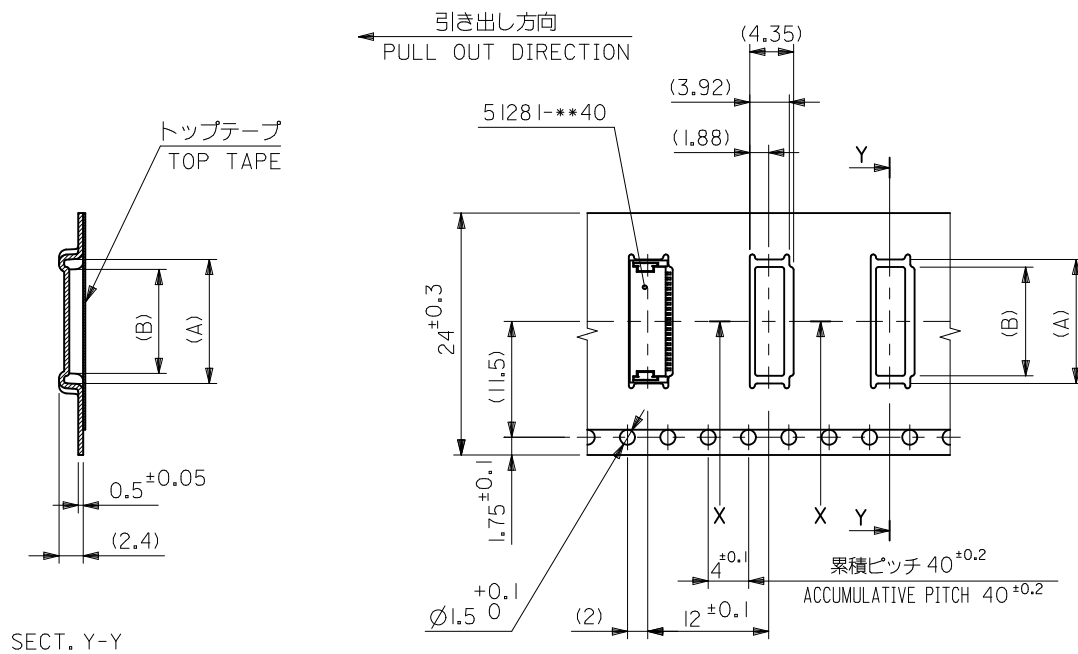
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24mm幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	12.3	14.3	51281-2494	24
			11.3	13.3	51281-2294	22
			10.3	12.3	51281-2094	20
			9.3	11.3	51281-1894	18
			8.3	10.3	51281-1694	16
			7.3	9.3	51281-1494	14
			6.3	8.3	51281-1294	12
			5.8	7.8	51281-1194	11
			5.3	7.3	51281-1094	10
			4.8	6.8	51281-0994	9
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL No.	極数 CIRCUIT

REVISED EC NO: J2010-2187 DRWN: TONO CHKD: H I JIMA APPR: KMORI KAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				MM ONLY		---	METRIC		
		10 UNDER	±0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN NON-ZIF (HGT=1.2MM) EMBSTP PKG			
		10 OVER 30 UNDER	±0.25	CHECKED BY	DATE				
		30 OVER	±0.3	APPROVED BY	DATE	MOLEX INCORPORATED			
	ANGULAR ±3 °	MATERIAL NO.	DOCUMENT NO.	SHEET NO.					
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-51281-012		3 OF 4	
	SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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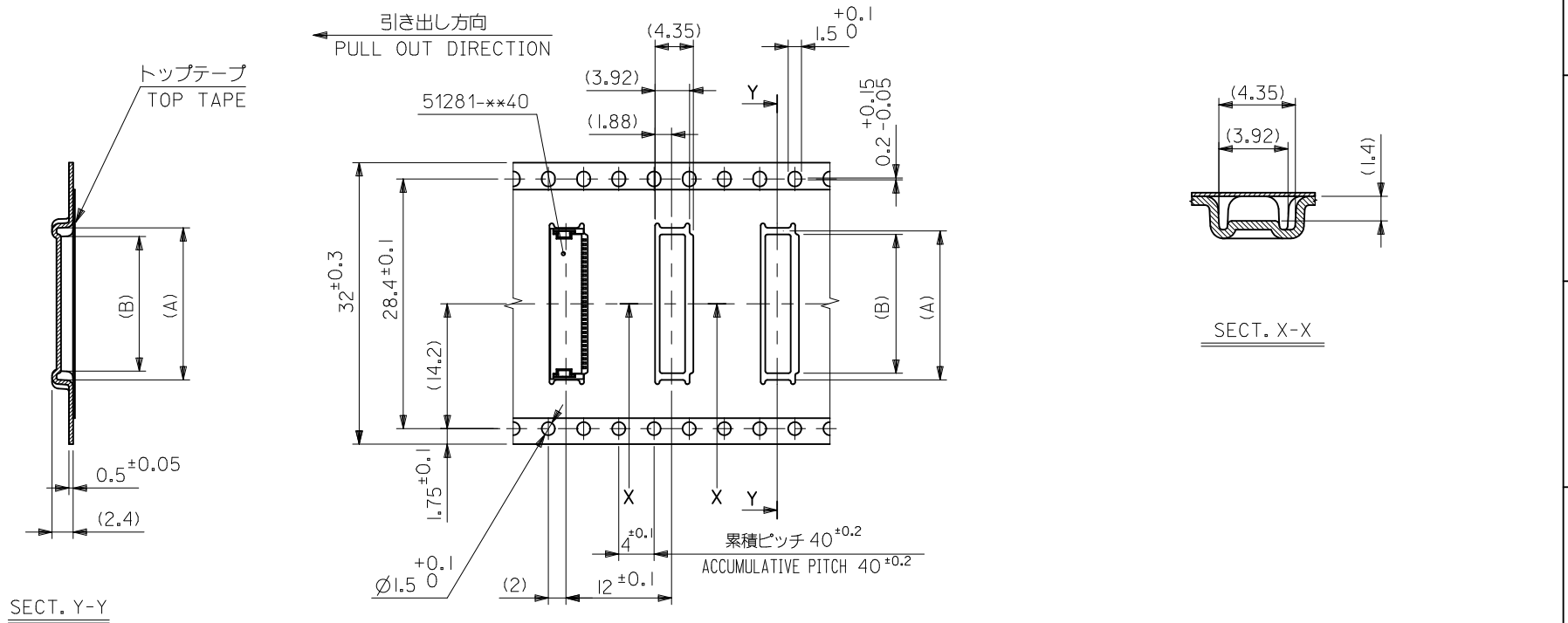
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32	37.4	33.4	13.3	15.3	51281-2694	26
キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	製品番号 MATERIAL No.	極数 CIRCUIT

REVISED EC NO.: J2010-2187 DRWN: TONO CHKD: H IJIMA APPR: KMORI KAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION				
				MM ONLY		---	METRIC					
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 0.5 FPC CONN NON-ZIF (HGT=1.2MM) EMBSTP PKG						
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE							
		30 OVER	± 0.3	APPROVED BY	DATE	 MOLEX INCORPORATED						
		ANGULAR ± 3 °	MATERIAL NO.	DOCUMENT NO.							SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-51281-012						4 OF 4	
C	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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