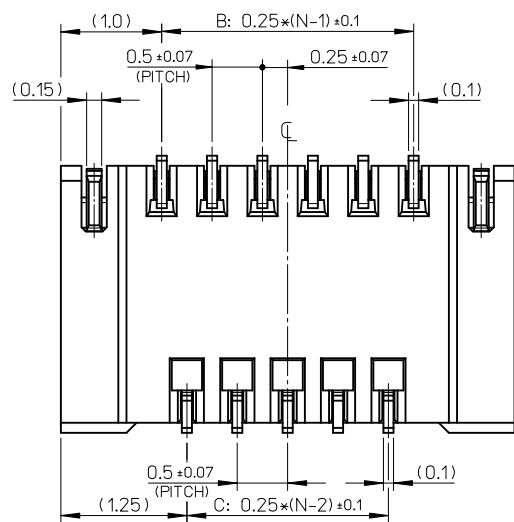
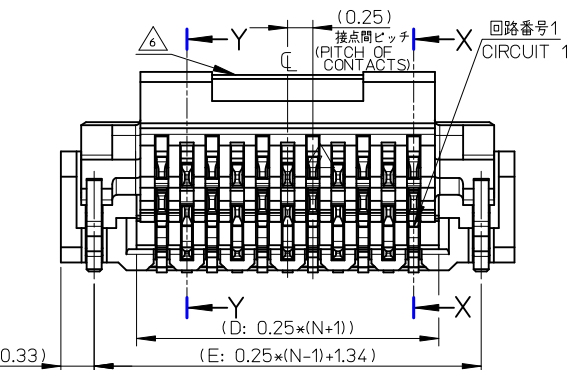
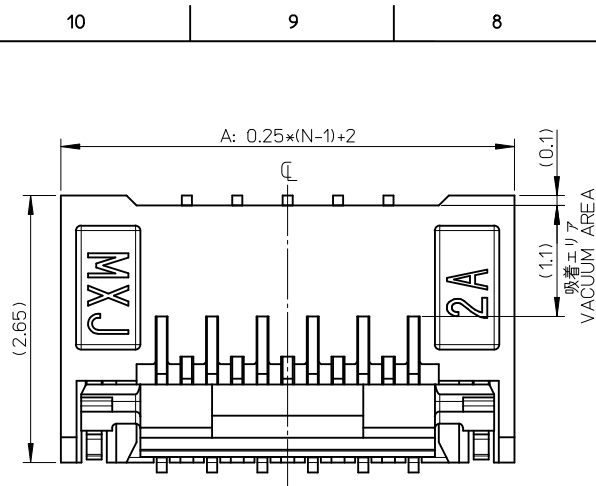
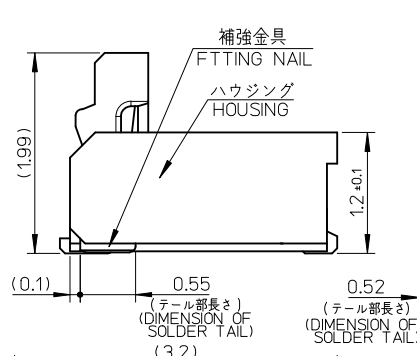
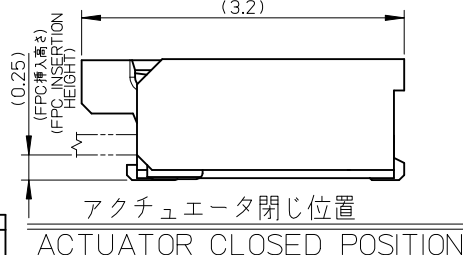


SECTION Y-Y



SECTION X-X



注記 NOTES

1. 使用材料 MATERIALS

ハウジング : 液晶ポリマー (UL94V-0, 黒色)
 アクチュエータ : ポリアミド樹脂 (UL94V-0, ベージュ)
 奇数端子 : リン青銅
 偶数端子 : リン青銅
 補強金具 : リン青銅
 HOUSING : G.F. LCP (BLACK)
 ACTUATOR : G.F. POLYAMIDE (BEIGE)
 ODD TERMINAL : PHOSPHOR BRONZE
 EVEN TERMINAL : PHOSPHOR BRONZE
 FITTING NAIL : PHOSPHOR BRONZE

2. メッキ仕様 PLATING

端子 TERMINAL

テール部 : 金メッキ
 接点部 : 金メッキ 0.1μm 以上
 下地 : ニッケルメッキ 1.0μm 以上
 TAIL AREA : Gold PLATING
 CONTACT AREA : Gold PLATING 0.1μm MINIMUM
 UNDER PLATING : Nickel PLATING 1.0μm MINIMUM
 金具 FITTING NAIL
 全面 : スズメッキ 1.0μm 以上
 下地 : ニッケルメッキ 1.0μm 以上
 ALL OVER : Tin PLATING 1.0μm MINIMUM
 UNDER PLATING : Nickel PLATING 1.0μm MINIMUM

△3 端子、補強金具のコプラナリティは 0.1 以下とする
 COPLANALITY OF SOLDER TAILS AND FITTING NAILS : 0.1MAX.

4. 一般公差 : ± 0.3
 GENERAL TOLERANCES : ± 0.3

5. ELV 及び RoHS 適合品
 ELV AND RoHS COMPLIANT

△4 ゲート部形状とする

本形状は極数により異なります

THIS SHAPE IS FOR GATE
 IT DEPENDS ON THE NUMBER OF CIRCUITS

14.34	13.5	12.5	13	15	503300-5310	53
11.84	11	10	10.5	12.5	503300-4310	43
11.34	10.5	9.5	10	12	503300-4110	41
8.34	7.5	6.5	7	9	503300-2910	29
6.34	5.5	4.5	5	7	503300-2110	21
E	D	C	B	A	ORDER NO.	CIRCUITS
CONNECTOR SERIES NO. 503300-***18						
EMBOSSED TAPE PACKAGE						
THIRD ANGLE PROJECTION						

REVISED EC NO: J2012-0851 DRWN:MNIITA CHKD:SHOSHIKAWA APPR:SHOSHIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 20:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	± ---	DRAWN BY MNIITA	DATE 2010/08/23	TITLE 0.25 PITCH FPC CONN. E/O HGT=1.2 UPR CONTACT TYPE LOW-HALOGEN  MOLEX INCORPORATED		
		10 OVER 30 UNDER	± ---	CHECKED BY SHOSHIKAWA	DATE 2010/08/24			
		30 OVER	± ---	APPROVED BY SHOSHIKAWA	DATE 2010/08/27			
		ANGULAR ±1 °		MATERIAL NO.				
	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503300-001		1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

F

E

D

C

B

A

F

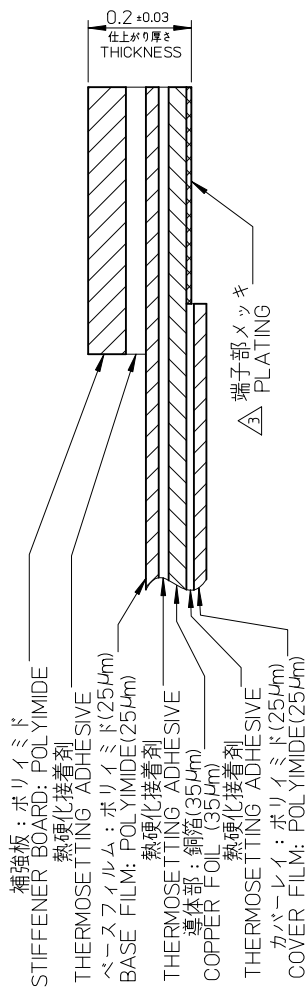
E

D

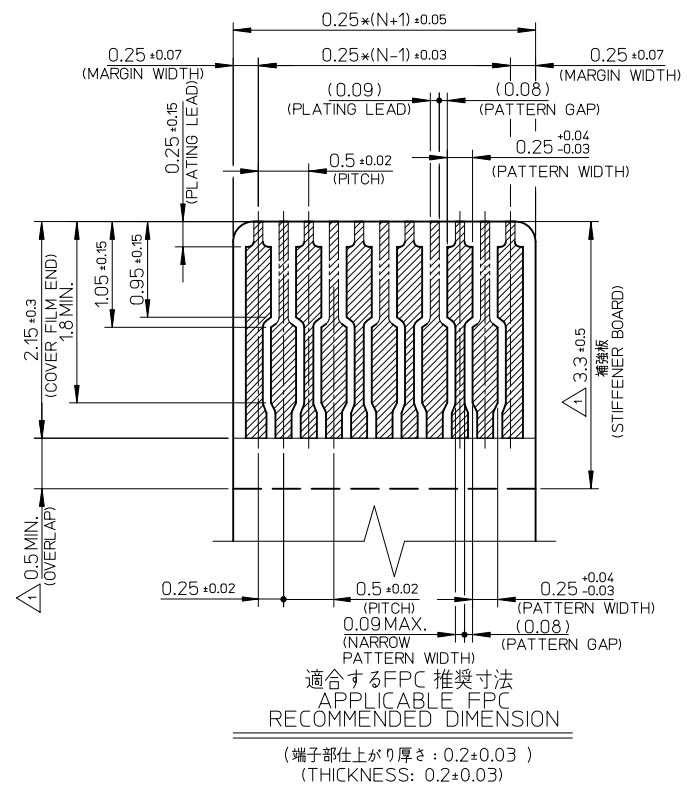
C

B

A

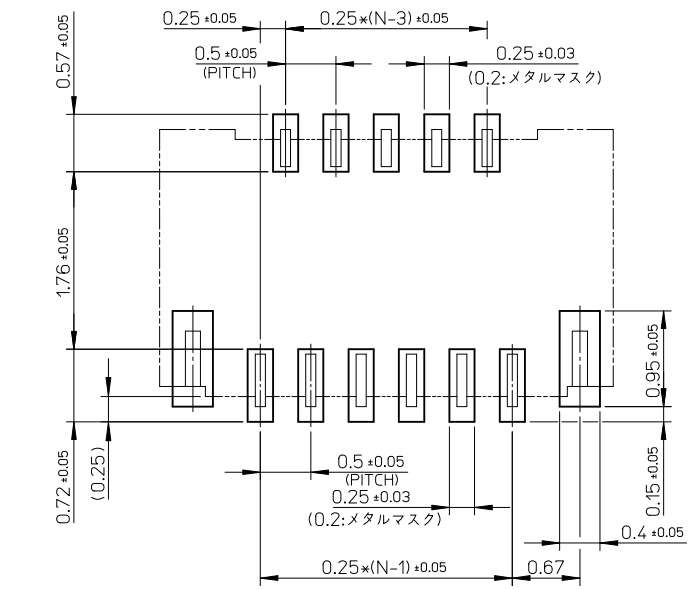


FPC 構成材料例
EXAMPLE OF FPC
COMPOSITION MATERIAL



注記 NOTES

- △1 補強板長さが図面通り確保できない場合は、カバーレイと補強板のオーバーラップ寸法を 0.5mm 以上としてください
WHEN STIFFENER BOARD DIMENSION CAN NOT BE SECURED AS DRAWING, PLEASE GIVE THE OVERLAP SIZE OF COVER FILM AND STIFFENER BOARD AS 0.5mm MINIMUM
- 2 推奨ペースト厚 : 100μm
推奨マスク開口率 : 80%
RECOMMEND SCREEN THICKNESS : 100μm
RECOMMEND SCREEN OPEN RATIO : 80%



- △3 FPCパターンのメッキ仕様は
金メッキ : 0.1μm 以上
下地ニッケルメッキ : 2~6μm
FPC PATTERN PLATING
GOLD PLATING : 0.1μm MINIMUM
NICKEL UNDER PLATING : 2~6μm

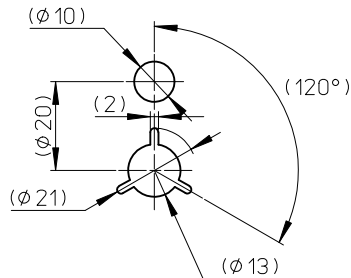
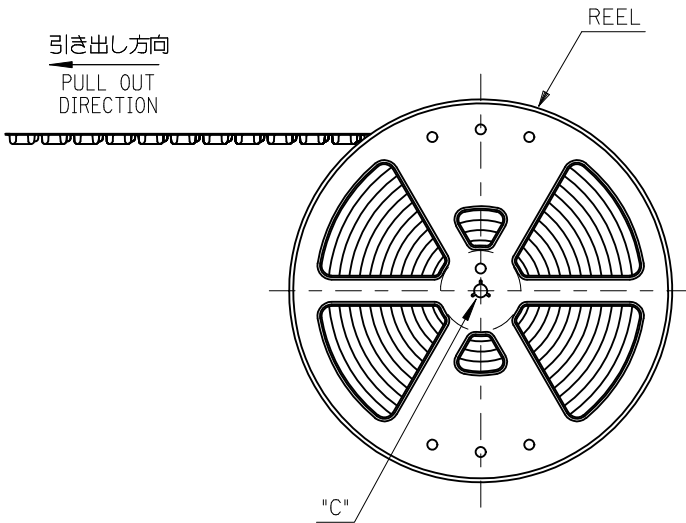
4 FPCについて (ABOUT FPC)
抜き方向は、導体側から補強板側を推奨します
補強板材質は、ポリイミドを推奨します
接着剤は熱硬化接着剤を推奨します
なお、接着剤の接点部への付着は導通不良の原因となりますので染み出しがないよう、お願いします
RECOMMENDED PUNCHER DIRECTION:
FROM CONDUCTOR SIDE TO STIFFENER BOARD SIDE
RECOMMENDED MATERIAL:
STIFFENER BOARD: POLYIMIDE
BONDING AGENT: THERMOSETTING AGENT
PLEASE PUT APPROPRIATE AMOUNT OF ADHESIVE ON THE CONTACT AREA BECAUSE THE EXTRA ADHESIVE MAY CAUSE THE DEFECT IN ELECTRICAL CONTINUITY

REVISED	EC NO: J2012-0851	2011/12/28	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 20:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	DRWN:MNIITA	2011/12/28		10 UNDER	± ---	DRAWN BY MNIITA	DATE 2010/08/23	TITLE 0.25 PITCH FPC CONN. E/O HGT=1.2 UPR CONTACT TYPE LOW-HALOGEN		
	CHKD:SHOSHIKAWA	2011/12/28		10 OVER 30 UNDER	± ---	CHECKED BY SHOSHIKAWA	DATE 2010/08/24			
	APPR:SHOSHIKAWA	2012/01/05		30 OVER	± ---	APPROVED BY SHOSHIKAWA	DATE 2010/08/27			
	ANGULAR ±1 °			MATERIAL NO.	 MOLEX INCORPORATED					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 1		DOCUMENT NO. SD-503300-001	SHEET NO. 2 OF 2			
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
A	REV									

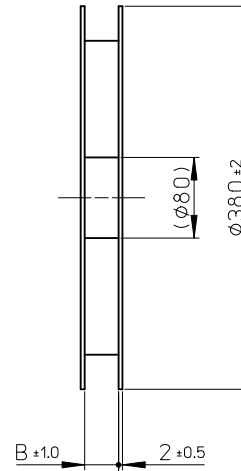
注記 NOTES

- 製品詳細寸法については図面 SD-503300-001 を参照下さい。
RE DETAILED DIMENSION, SEE SD-503300-001
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000 PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH

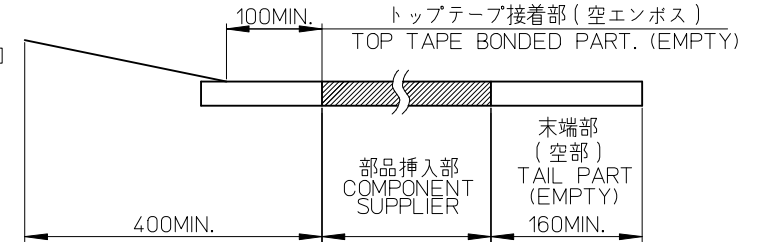
引き出し方向
PULL OUT
DIRECTION



DETAIL "C"

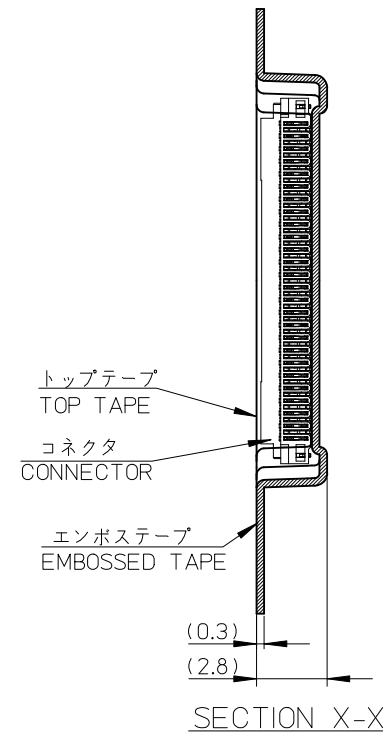
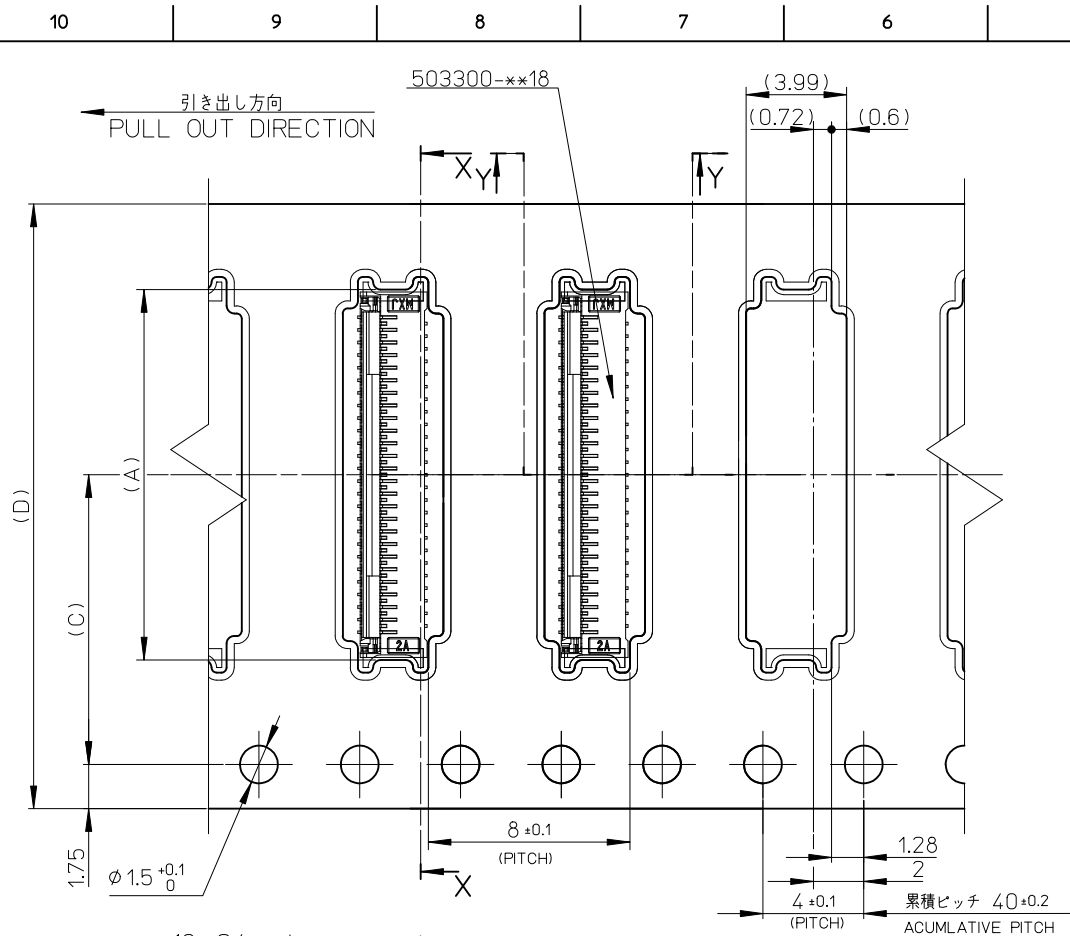


引き出し方向
PULL OUT
DIRECTION

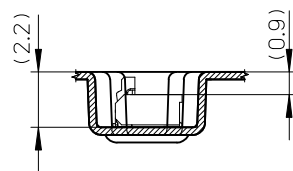


- 材料 MATERIAL
キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)
トップテープ (TOP TAPE) : PET , PE , PEF
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- カバーテープの剝離強度については、IEC60286-3 に準拠
COVER TAPE PEEL FORCE IS DEFINED BY IEC60286-3.

REVISED EC NO: J2012-0851 DRWN:MNIITA 2012/01/05 CHKD:SHOSHIKAWA 2012/01/05 APPR:SHOSHIKAWA 2012/01/05 A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER ±0.2	MNIITA 2010/08/24	TITLE 0.25MM FPC CONN. E/O H=1.2 HSG ASSY UPR EMBOSSSED TAPE PACKAGE				
		10 OVER 30 UNDER ±0.25	CHECKED BY DATE SHOSHIKAWA 2010/08/24					
		30 OVER ±0.3	APPROVED BY DATE SHOSHIKAWA 2010/08/27					
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503300-002		1 OF 3	
			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

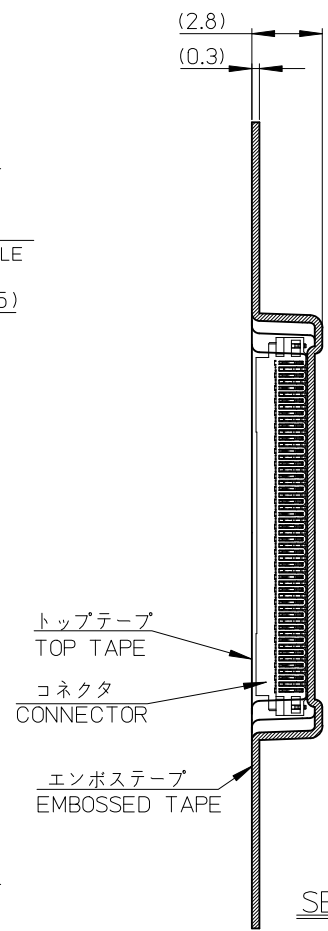
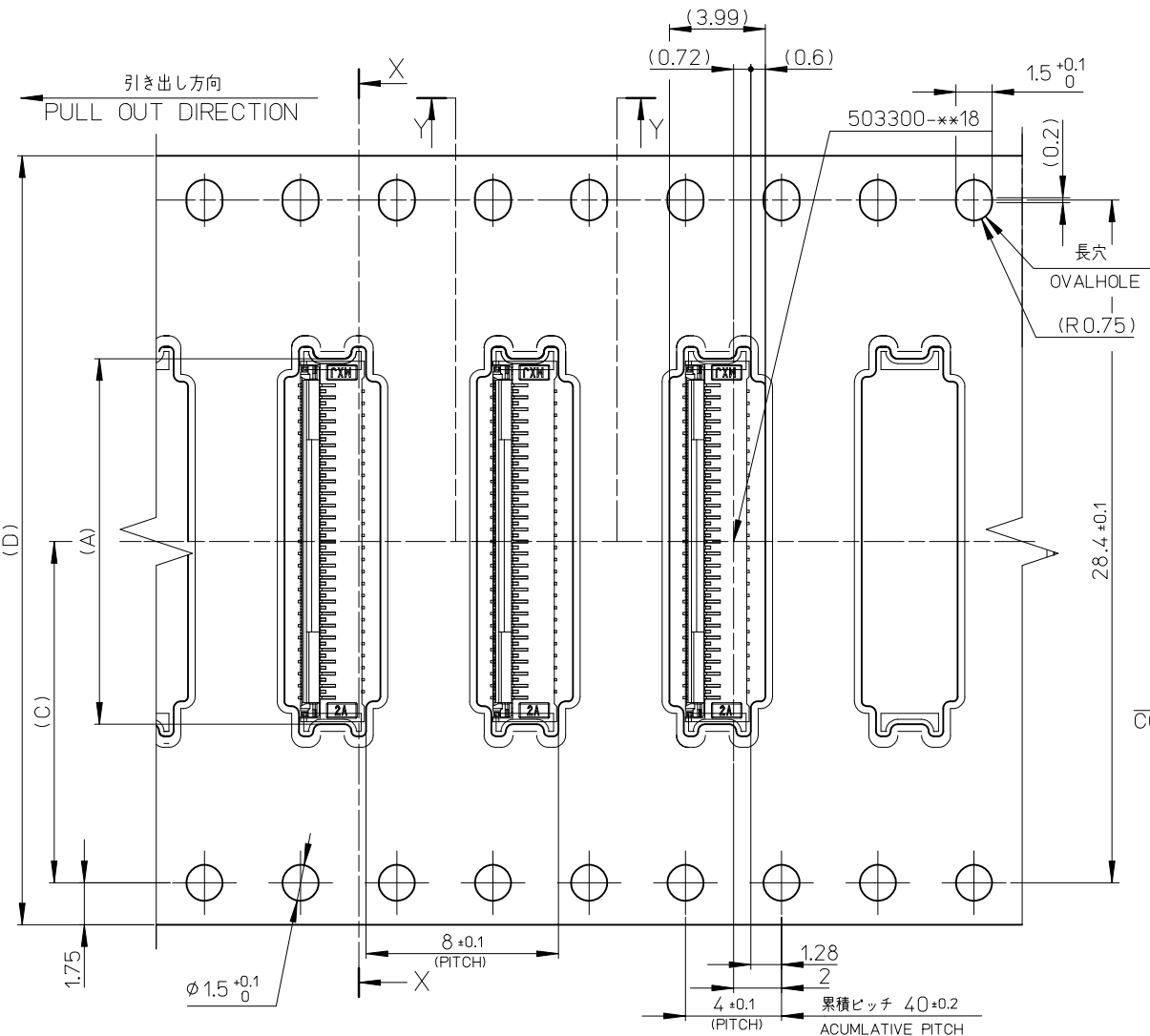


16, 24mm幅キャリアテープ
16, 24mm WIDTH CARRIER TAPE



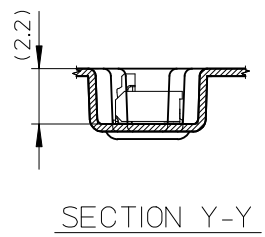
SECTION Y-Y

24	11.5	25.4	13.7	503300-4310	43
			13.2	503300-4110	41
			10.2	503300-2910	29
			8.2	503300-2110	21
(D) キャリアテープ幅 CARRIER TAPE WIDTH	(C)	B	(A)	オーダー番号 ORDER NO.	極数 CIRCUITS
CONNECTOR SERIES NO. 503300-**10					
SCALE			DESIGN UNITS		
MM ONLY			METRIC		
THIRD ANGLE PROJECTION					
DRAWN BY MNIITA			DATE 2010/08/24		
CHECKED BY SHOSHIKAWA			DATE 2010/08/24		
APPROVED BY SHOSHIKAWA			DATE 2010/08/27		
MATERIAL NO.			DOCUMENT NO.		
SEE CHART			SD-503300-002		
SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			SHEET NO. 2 OF 3		



SECTION X-X

32mm幅キャリアテープ
32mm WIDTH CARRIER TAPE



SECTION Y-Y

32		14.2	33.4	15.2	503300-5310	53
(D) キャリアテープ幅 CARRIER TAPE WIDTH		(C)	B	(A)	製品番号 MATERIAL NO.	極数 CKT.
MODEL NO.		503300-***10				
DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC		◎  THIRD ANGLE PROJECTION	
DRAWN BY DATE		TITLE 0.25MM FPC CONN. E/O H=1.2 HSG ASSY UPR EMBOSSSED TAPE PACKAGE				
CHECKED BY DATE						
APPROVED BY DATE		MOLEX INCORPORATED				
OSHIKAWA 2012/01/05						
SERIAL NO.		DOCUMENT NO.				SHEET NO.
SEE CHART		SD-503300-002				3 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

REVISED	EC NO: J2012-0851	2012/01/05	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	DRWN:MIIITA	2012/01/05		10 ^{UNDER}	± 0.2
	CHKD:SHOSHIKAWA	2012/01/05		10 ^{OVER} 30 ^{UNDER}	± 0.25
	APPR:SHOSHIKAWA	2012/01/05		30 ^{OVER}	± 0.3
				ANGULAR	±1 °
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	A		REV		