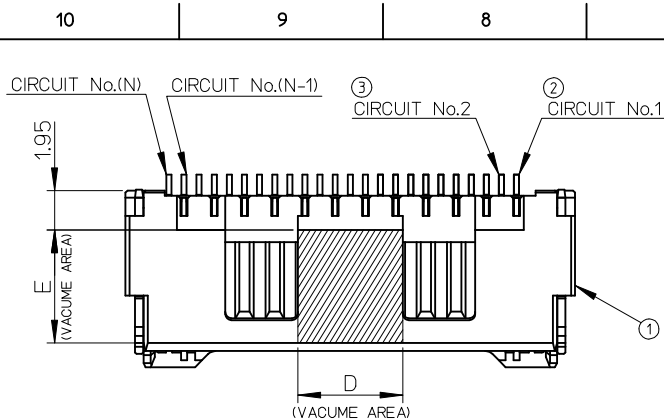
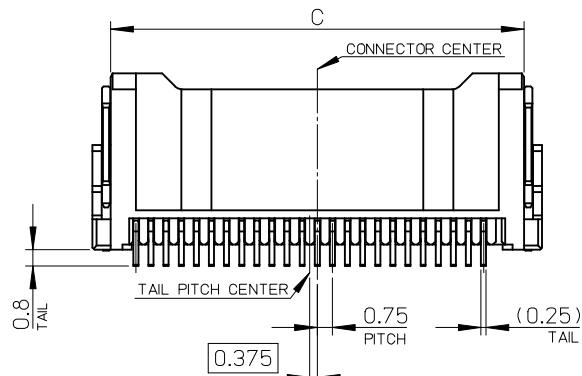
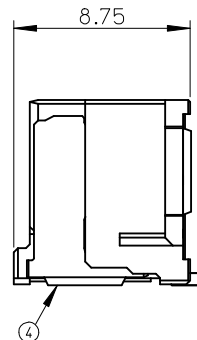
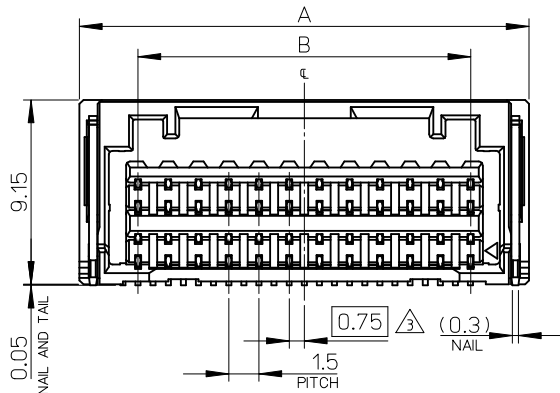
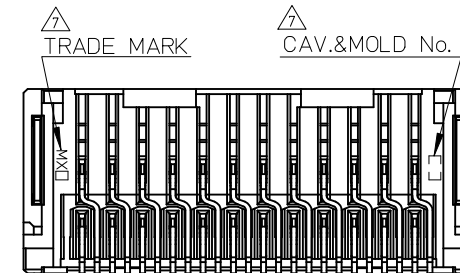


10極ハウジング形状
(HOUSING FORM OF 10CKT)
SCALE 2:1



CONFIDENTIAL		
No.	PART	MATERIAL
①	HOUSING	耐熱性樹脂 UL94V-0 HEATPROOF RESIN UL94V-0
②	TERMINAL A	銅合金 COPPER ALLOY 錫メッキ : 1.0 micro-meter MIN. TIN
③	TERMINAL B	ニッケルメッキ (下地) : 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
④	NAIL	銅合金 COPPER ALLOY 錫メッキ : 1.0 micro-meter MIN. TIN ニッケルメッキ (下地) : 1.0 micro-meter MIN. NICKEL (UNDER PLATING)



503148 - 249*	5.6	5.2	20.5	16.5	22.3	24
503148 - 209*	5.6	3.2	17.5	13.5	19.3	20
503148 - 169*	5.6	2.5	14.5	10.5	16.3	16
503148 - 129*	5.6	2.3	11.5	7.5	13.3	12
503148 - 109*	2.75	3.6	10	6	11.8	10
EMBOSSED TAPE PACKAGE	E	D	C	B	A	CIRCUIT
オーダー番号 ORDER No.						

REVISED		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: J2010-0024	2009/07/03	10 UNDER	±0.2	MM ONLY	DATE	4:1	DATE	METRIC	DATE	DATE	DATE
DRWN:THANYU	2009/07/05	10 OVER 30 UNDER	±0.25	T.HANYU	2007/11/2						
CHKD:KASAKAWA	2009/07/05	30 OVER	±0.3	CHECKED BY	DATE						
APPR:NUKITA	2009/07/06	ANGULAR	±1 °	K.ASAKAWA	2007/11/2						
		DRAFT WHERE APPLICABLE	MUST REMAIN WITHIN DIMENSIONS	APPROVED BY	DATE						
				Y.O.ITO	2007/11/2						
				MATERIAL NO.							
				SEE CHART							
				SIZE							
				A3							

NOTES

1. 嵌合相手: 503149-****
MATE WITH: 503149-****
2. 端子テール部及びネイルの平坦度: 0.1mm MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.

△3 (極数/2) = 偶数に適用
APPLY FOR (CIRCUIT SIZE/2) = EVEN

4. 端子テール部及びネイルに錫メッキを使用している為、
外観に摺動痕が付く場合があります。

△5 製品番号
MATERIAL No.

503148 - **9*

CIRCUIT SIZE 極数 色

COLOR	黒 BLACK	赤 RED	青 BLUE	緑 GREEN	ベージュ BEIGE (NATURAL)
COLOR No.	1	2	4	6	0

6. 本製品のプラスチック部に黒点・白点等が確認される場合や
色合いが異なる場合がありますが、製品性能に影響はありません。
THERE IS NO INFLUENCE IN THE PRODUCT
PERFORMANCE THOUGH THE BLACK AND WHITE SPOT ETC.
MIGHT BE CONFIRMED TO THE PLASTIC PART OF THIS PRODUCT AND
THE SHADE MIGHT BE DIFFERENT.

△7 トレードマーク: MXプラス1文字の製造工場を示すアルファベットにて表示
但し"J"はJAPANを示す。(例: MXJ)

キャビティ番号: 1桁から2桁の数字にて表示

金型番号: アルファベット1文字にて表示

FORMED BY MX AND 1 MORE LETTER OF ALPHABET WHICH MEAN THE MANUFACTORY.
BUT "J" MEANS JAPAN. (TO TRADE MARK) (e.g. MXJ)

AND BY 1 - 2 DIGIT NUMBER (TO CAVITY No.)

AND BY 1 LETTER OF ALPHABET (TO MOLD No.)

△8 コネクタ下にパターン及びスルーホールを設置する場合、基板面からのパターン盛り上がりは、0.1mm MAX.とする事。
但し、図示したパターン禁止エリアは除く。

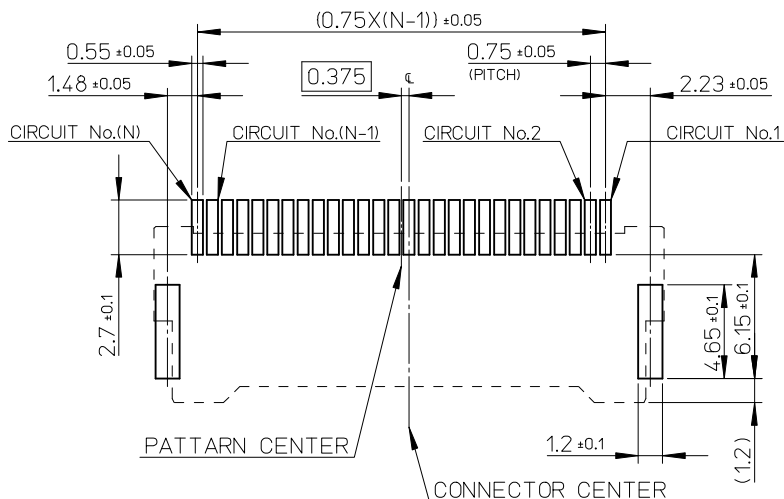
THE UPSURGE ON THE P.C.B.OARD SIDE TO BE 0.1mm MAX.
WHEN SET UP A PATTERN AND A THROUGH HALL UNDER THE CONNECTOR.

9. ELV及びRoHS適合品

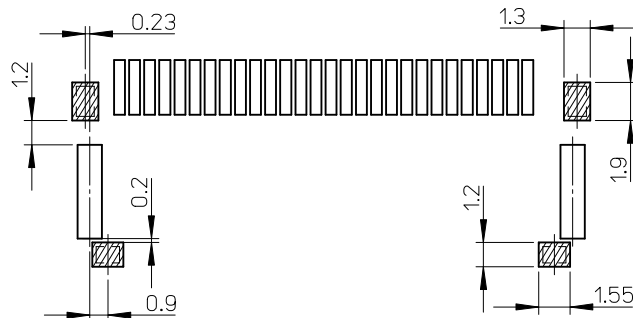
ELV AND RoHS COMPLIANT

△10 オーダー番号及びコネクタシリーズ番号

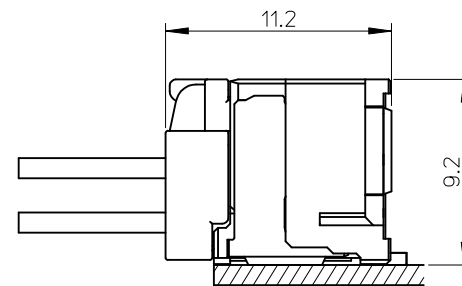
ORDER No. AND CONNECTOR SERIES No.



パターンレイアウト (参考)
PATTERN LAYOUT (REF.)



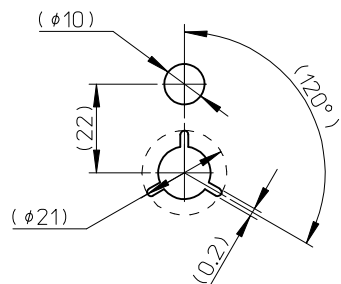
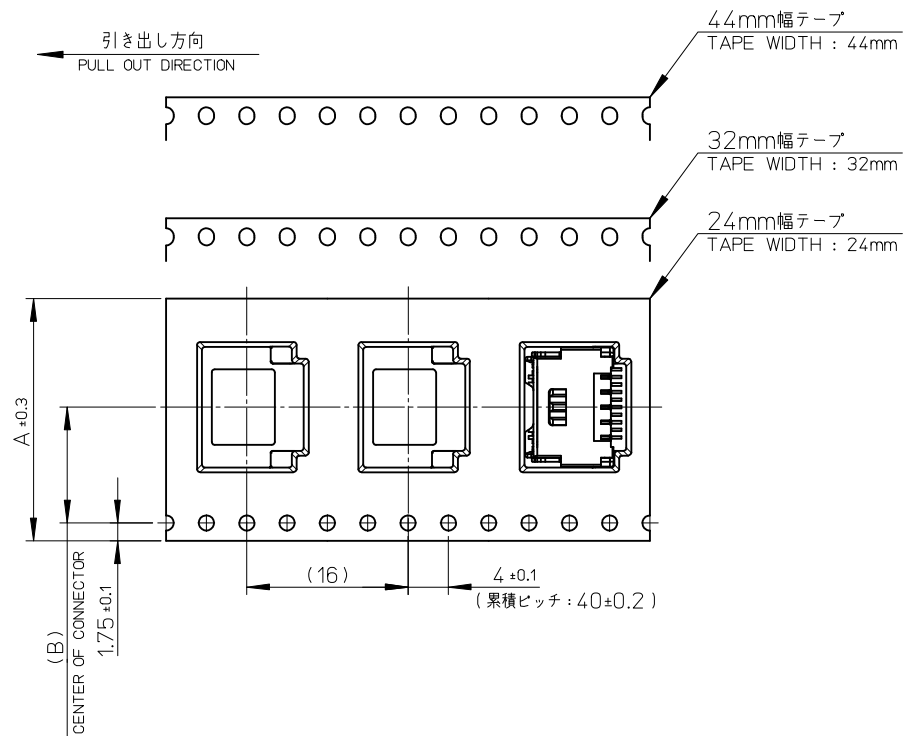
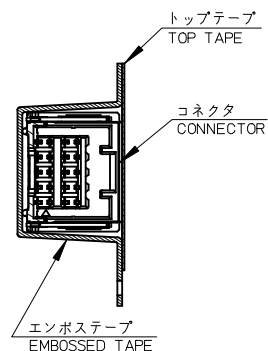
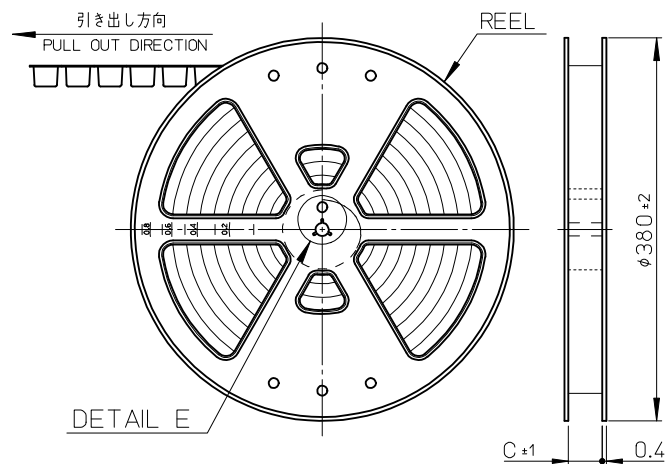
△8 パターン禁止エリア (参考)
PATTERN PROHIBITION AREA (REF.)



嵌合図
MATED CONNECTORES

REVISED EC NO: J2010-0024 DRWN: T.HANYU CHKD: KASAKAWA APPR: NUKITA REV C	DESCRIPTION 2009/07/03 2009/07/05 2009/07/06	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	T. HANYU	2007/11/2	TITLE 1.5 W/B CONN. DUAL R/A REC. ASSY				
		10 OVER 30 UNDER	± 0.25	K. ASAKAWA	2007/11/2					
		30 OVER	± 0.3	Y.O. ITO	2007/11/2	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503148-001			2 OF 3		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

CONFIDENTIAL



45.5	20.2	44	503148-249*	24
45.5	20.2	44	503148-209*	20
33.5	14.2	32	503148-169*	16
33.5	14.2	32	503148-129*	12
25.5	11.5	24	503148-109*	10
C	B	エンボステープ幅 A WIDTH OF TAPE	△ 製品番号 MATERIAL No.	CIRCUIT No.

REVISED EC NO: J2009-2874 2009/06/22 DRWN: T.HANYU 2009/06/22 CHKD: KASAKAWA 2009/06/23 APPR: S.CHIKAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
		10 UNDER	± 0.2	DRAWN BY T. HANYU	DATE 2007/11/26	TITLE EMBOSSSED TAPE PACKAGE FOR 503148-****			
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA	DATE 2007/11/26				
		30 OVER	± 0.3	APPROVED BY Y.O. ITO	DATE 2007/11/26	 MOLEX INCORPORATED			
		ANGULAR ±1 °		MATERIAL NO.					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503148-002		1 OF 2		
	A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

10

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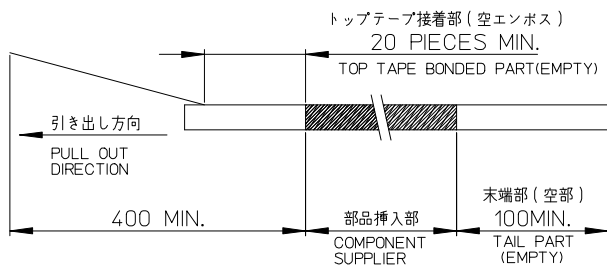
2

1

CONFIDENTIAL

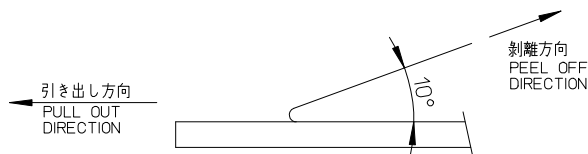
NOTE

1. 梱包数量 : 550個/リール
NUMBER OF CONNECTORS : 550 PIECES/REEL
2. リードテープ長さ
LEAD TAPE LENGTH



3. トップテープの剥離強度: 0.1~0.3 N (10.2~132.5gf)
剥離方向は下記参照。
PEELING OFF FORCE OF TOP TAPE
PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE.

尚、本規格は出荷時に適用。(但し、輸送時に剥離が発生しない事)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.
PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTION.



4. 製品詳細寸法については、SD-503148-001を参照して下さい。
PLEASE REFER TO SD-503148-001 FOR THE DETAILED
DIMENSION OF THE CONNECTOR.

5. MATERIAL No. AND CONNECTOR SERIES No.

	MATERIAL No.				
HOUSING COLOR	黒 BLACK	赤 RED	青 BLUE	緑 GREEN	ベージュ BEIGE (NATURAL)
CIRCUIT No.					
CIRCUIT No.24	503148-2491	503148-2492	503148-2494	503148-2496	503148-2490
CIRCUIT No.20	↑ 2091	↑ 2092	↑ 2094	↑ 2096	↑ 2090
CIRCUIT No.16	↓ 1691	↓ 1692	↓ 1694	↓ 1696	↓ 1690
CIRCUIT No.12	↓ 1291	↓ 1292	↓ 1294	↓ 1296	↓ 1290
CIRCUIT No.10	503148-1091	503148-1092	503148-1094	503148-1096	503148-1090
CONNECTOR SERIES No.	503148- **91	503148- **92	503148- **94	503148- **96	503148- **90

6. 材料
MATERIAL
キャリアテープ : ポリスチレン
CARRIER TAPE : POLYSTYRENE
トップテープ : ポリエステル、ポリエチレン、ポリエチレンテレフタレート
TOP TAPE : POLYESTER, POLYETHYLENE, POLYETHYLENE TEREPHTHALATE
リール : ポリスチレン (リサイクル材含む)
REEL : POLYSTYRENE (RECYCLE MATERIAL CONTAINED)
7. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

REVISED EC NO: J2009-2874 DRWN: T.HANYU CHKD: KASAKAWA APPR: SICHIKAWA REV A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		10 UNDER	±0.2	DRAWN BY T. HANYU	DATE 2007/11/26	TITLE EMBOSSD TAPE PACKAGE FOR 503148-****		
		10 OVER 30 UNDER	±0.25	CHECKED BY K. ASAKAWA	DATE 2007/11/26			
		30 OVER	±0.3	APPROVED BY Y.O. ITO	DATE 2007/11/26			
	ANGULAR ±1 °	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-503148-002		SHEET NO. 2 OF 2		
	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			

SIZE
A3THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION