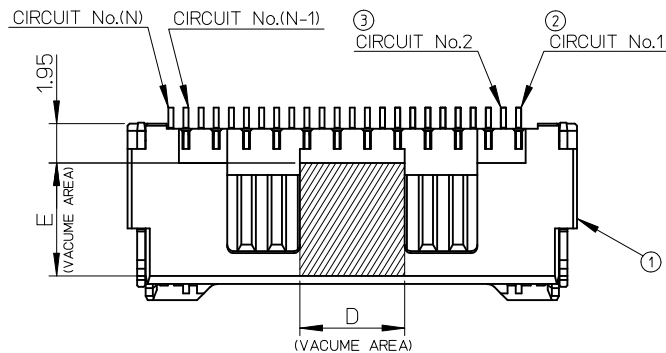
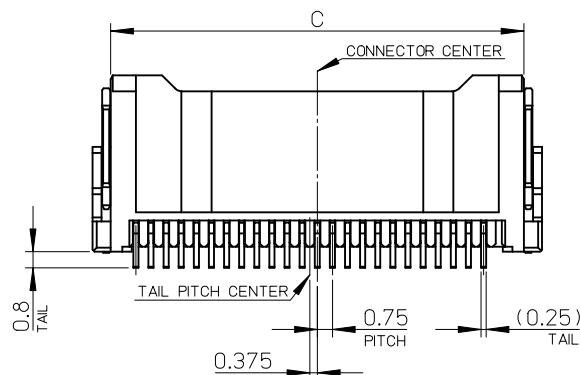
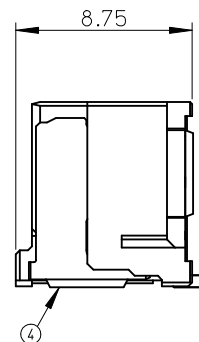
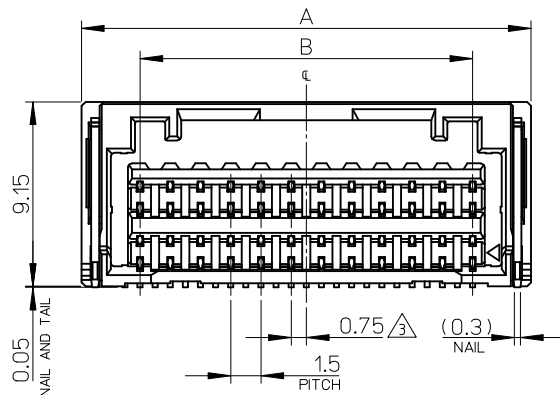
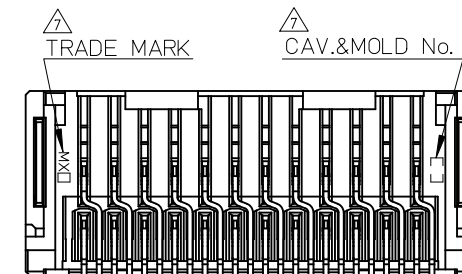


10極ハウジング形状
(HOUSING FORM OF 10CKT)
SCALE 2:1



No.	PART	MATERIAL
①	HOUSING	耐熱性樹脂 UL94V-0 HEATPROOF RESIN UL94V-0
②	TERMINAL A	銅合金 COPPER ALLOY
③	TERMINAL B	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)
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
EMBOSSD TAPE PACKAGE	E	D	C	B	A	CIRCUIT
オーダー番号 ORDER No.						

REVISED EC NO: J2011-0910 DRWN:YGO TO CHKD:KASAKAWA APPR:NUKITA 2011/01/17 2011/01/17 2011/01/17	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T.HANYU	DATE 2007/11/2	TITLE 1.5 W/B CONN. DUAL R/A REC. ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K.ASAKAWA	DATE 2007/11/2					
		30 OVER	± 0.3	APPROVED BY Y.O. ITO	DATE 2007/11/2	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503148-001			1 OF 3	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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 COLOR

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

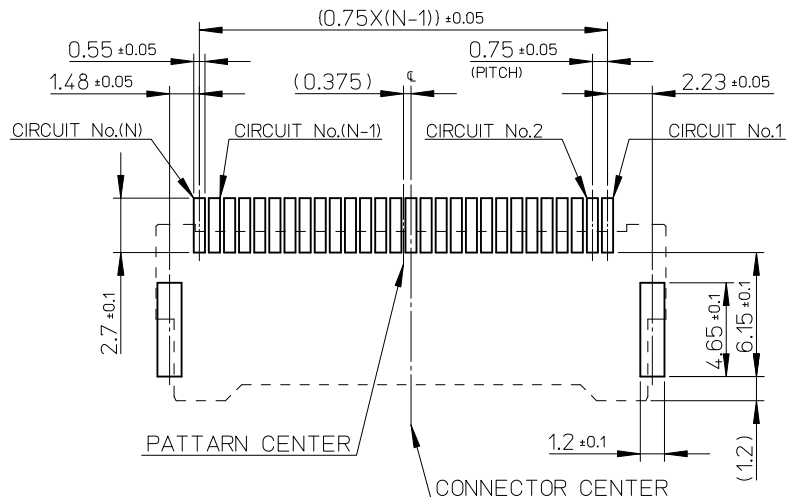
- FORMED BY MX AND 1 MORE LETTER OF ALPHABET WHICH MEAN THE MANUFACTORY.
BUT "J" MEANS JAPAN. (TO TRADE MARK) (e.g. MXJ)
AND BY 1 - 2 DIGIT NUMBER (TO CAVITY No.)
AND BY 1 LETTER OF ALPHABET (TO MOLD No.)

- △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。

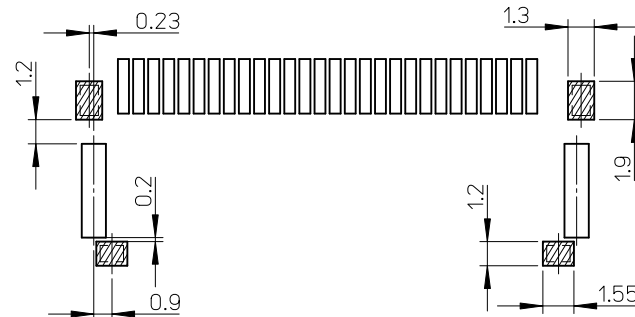
- THE UPSURGE ON THE P.C.B.OARD SIDE TO BE 0.1mm MAX.
WHEN SET UP A PATTERN AND A THROUGH HALL UNDER THE CONNECTOR.

9. ELV及びRoHS適合品
ELV AND RoHS COMPLIANT

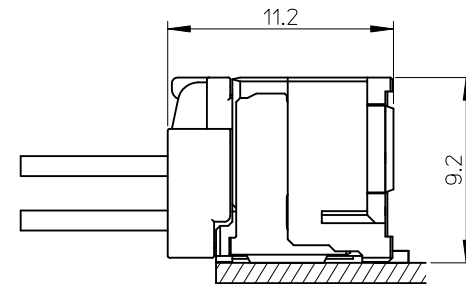
- △10 オーダー番号及びコネクタシリーズ番号
ORDER No. AND CONNECTOR SERIES No.



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: J2011-0910 DRWN: YGOTO CHKD: KASAKAWA APPR: NUKITA REV D	DESCRIPTION 2011/01/17 2011/01/17 2011/01/17	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	APPROVED BY Y.O. ITO	2007/11/2	MOLEX MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO. SEE CHART			DOCUMENT NO. SD-503148-001			SHEET NO. 2 OF 3
		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						

F

F

△ ORDER No. AND CONNECTOR SERIES No.

E

E

HOUSING COLOR : BEIGE (NATURAL)			HOUSING COLOR : BLACK		HOUSING COLOR : RED	
24	503148 - 2490	503148 - **90	503148 - 2491	503148 - **91	503148 - 2492	503148 - **92
20	503148 - 2090		503148 - 2091		503148 - 2092	
16	503148 - 1690		503148 - 1691		503148 - 1692	
12	503148 - 1290		503148 - 1291		503148 - 1292	
10	503148 - 1090		503148 - 1091		503148 - 1092	
CIRCUIT	EMBOSSSED TAPE PACKAGE	CONNECTOR SERIES No.	EMBOSSSED TAPE PACKAGE	CONNECTOR SERIES No.	EMBOSSSED TAPE PACKAGE	CONNECTOR SERIES No.
	オーダー番号 ORDER No.	コネクタシリーズ番号	オーダー番号 ORDER No.	コネクタシリーズ番号	オーダー番号 ORDER No.	コネクタシリーズ番号

D

D

HOUSING COLOR : BLUE			HOUSING COLOR : GREEN		
24	503148 - 2494	503148 - **94	503148 - 2496	503148 - **96	
20	503148 - 2094		503148 - 2096		
16	503148 - 1694		503148 - 1696		
12	503148 - 1294		503148 - 1296		
10	503148 - 1094		503148 - 1096		
CIRCUIT	EMBOSSSED TAPE PACKAGE オーダー番号 ORDER No.	CONNECTOR SERIES No. コネクタシリーズ番号	EMBOSSSED TAPE PACKAGE オーダー番号 ORDER No.	CONNECTOR SERIES No. コネクタシリーズ番号	

C

C

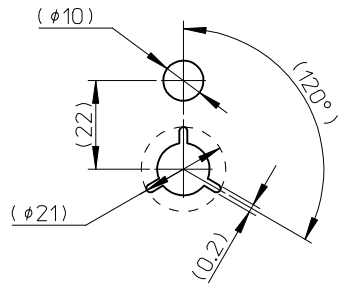
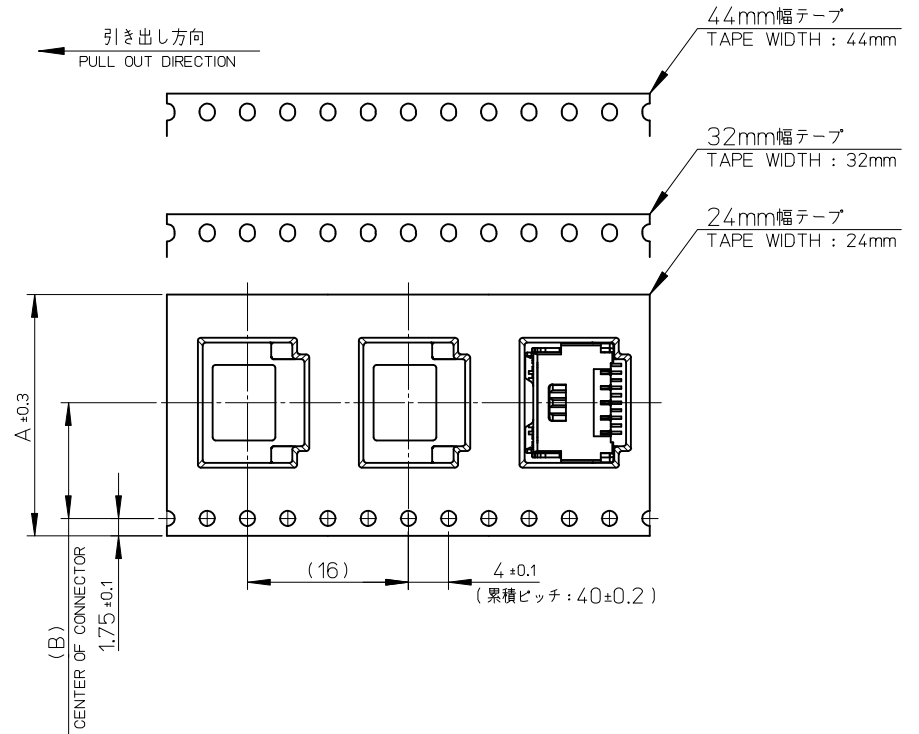
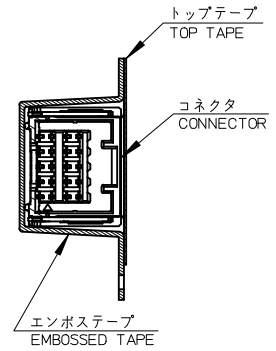
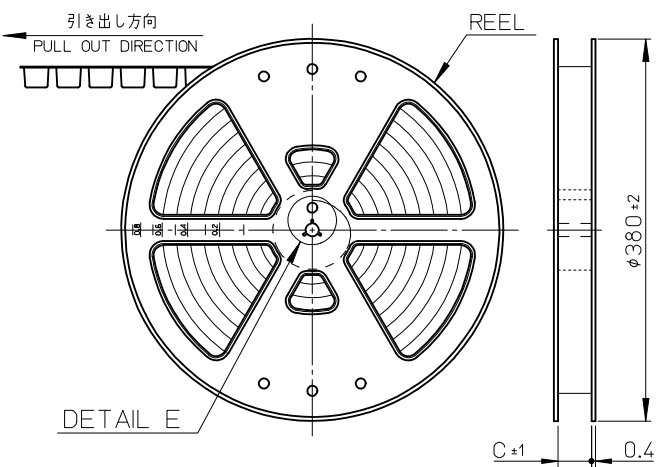
B

B

A

A

REVISED EC NO: J2011-0910 D DRWN: YG010 CHKD: KASAKAWA APPR: NUKITA 2011/01/17 2011/01/17 2011/01/17	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY T. HANYU	DATE 2007/11/2	TITLE 1.5 W/B CONN. DUAL R/A REC. ASSY				
		10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA	DATE 2007/11/2					
		30 OVER	± 0.3	APPROVED BY YO. ITO	DATE 2007/11/2	MOLEX INCORPORATED				
		ANGULAR ±1 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503148-001		3 OF 3		
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

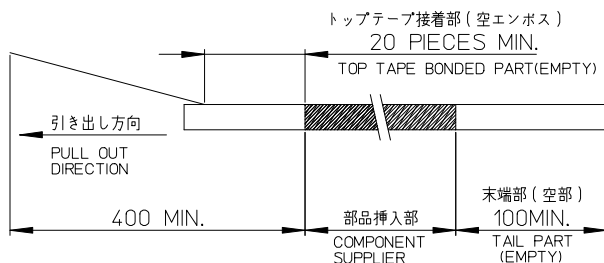


45.5	20.2	44	503148-249*	24
45.5	20.2	44	503148-209*	20
33.5	14.2	32	503148-169*	16
33.5	14.2	32	503148-129*	12
25.5	11.5	24	503148-109*	10
C	B	エンボステープ幅 A WIDTH OF TAPE	製品番号 MATERIAL No.	CIRCUIT No.

REVISED EC NO: J2013-0819 DRWN:THANYU CHKD:KASAKAWA APPR:YO ITO	DESCRIPTION REV	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 EMBOSSED TAPE PACKAGE FOR 503148-****									
		10 OVER 30 UNDER	± 0.25	CHECKED BY K.ASAKAWA	DATE 2007/11/26										
		30 OVER	± 0.3	APPROVED BY YO. ITO	DATE 2007/11/26										
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO. SD-503148-002									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							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										

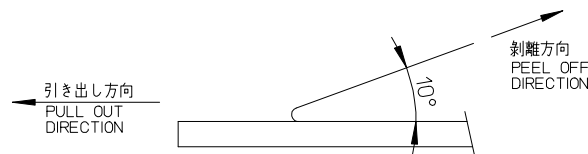
NOTE

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.

△ MATERIAL No. AND CONNECTOR SERIES No.

HOUSING COLOR CIRCUIT No.	MATERIAL No.				
	黒 BLACK	赤 RED	青 BLUE	緑 GREEN	ベージュ BEIGE (NATURAL)
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,POLYETHLENE,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: J2013-0819 DRAWN: HANYU CHKD: KASAKAWA APPR: YO ITO	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 YO. ITO	DATE 2007/11/26			
		ANGULAR ±1 °		MATERIAL NO.				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503148-002		2 OF 2	
REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						