

10 9 8 7 6 5 4 3 2 1

注記 NOTES

1. 使用材料 MATERIAL

ハウジング : 液晶ポリマー (LCP) UL94V-0 (黒)
HOUSING: LIQUID CRYSTAL POLYMER UL94V-0 (COLOR: BLACK)

ターミナル : 銅合金
TERMINAL : COPPER ALLOY

金具 : 銅合金
FITTING NAIL : COPPER ALLOY

2. メッキ仕様 PLATING

ターミナル TERMINAL

金メッキ
GOLD

下地メッキ : ニッケルメッキ
UNDER PLATING : NICKEL

※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT AND THE TAIL PART BY THE NICKEL PLATING.

金具 FITTING NAIL

錫メッキ
Tin PLATING

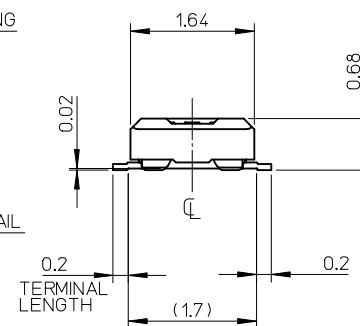
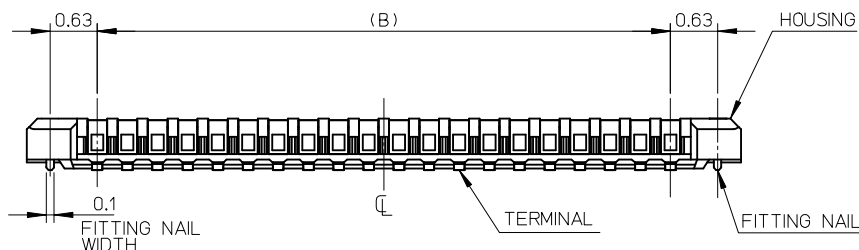
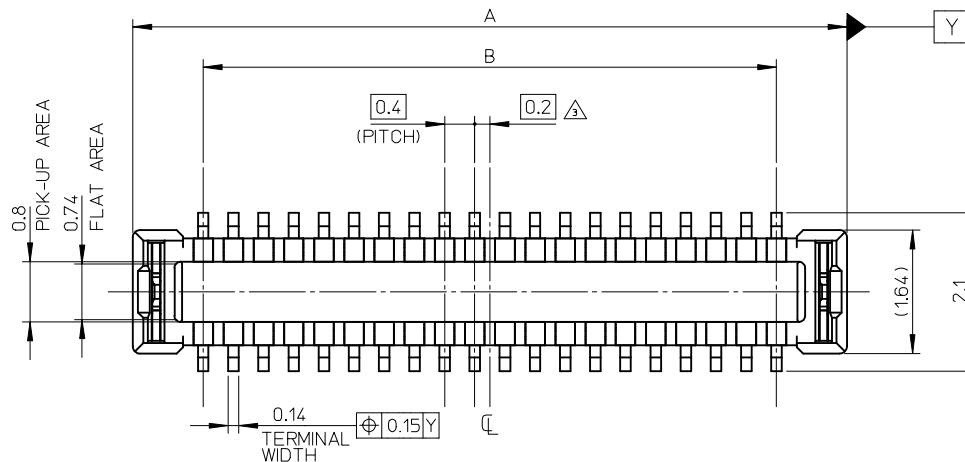
下地メッキ : ニッケルメッキ
UNDER PLATING : NICKEL

△ (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2)=EVEN.

4. 嵌合相手 : 503772 シリーズ
MATE WITH : 503772 SERIES.

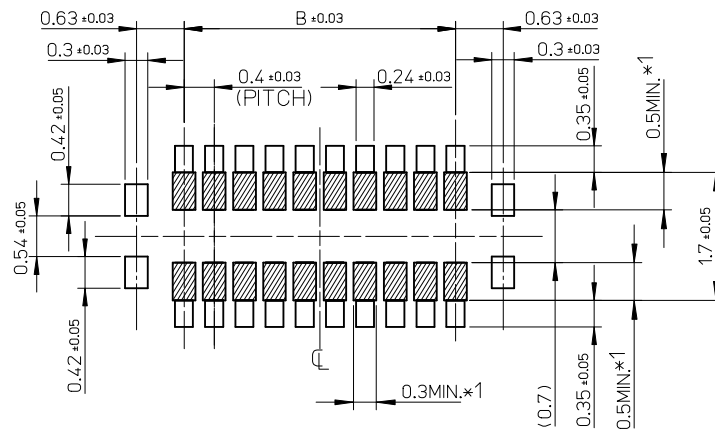
5. テール及び金具の平坦度は、0.08 以下、60極は0.1以下。
TAIL AND FITTING NAIL COPLANARITY TO BE 0.08MAXIMUM.
TAIL AND FITTING NAIL COPLANARITY WITH 60ckt TO BE 0.1MAXIMUM.

6. ELV and RoHS COMPLIANT



11.6	13.47	503776-6010	60
9.6	11.47	503776-5010	50
7.6	9.47	503776-4010	40
6.4	8.27	503776-3410	34
5.6	7.47	503776-3010	30
4.4	6.27	503776-2410	24
3.6	5.47	503776-2010	20
2.8	4.67	503776-1610	16
1.6	3.47	503776-1010	10
B	A	EMBOSSED PACKAGE	極数
		オーダー番号 ORDER No.	CIRCUITS
		CONNECTOR SERIES NO. : 503776	

REVISED EC NO: J2013-1495 TIDRWN: TARA101 CHKD: TASAKAWA APPR: KMORI KAWA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION				
		10 UNDER	± 0.2	DRAWN BY KSASAKI	DATE 2011/02/21	TITLE 0.4 BB CONN.HGT=0.8 W=2.5 PLUG ASS'Y						
		10 OVER 30 UNDER	± 0.25	CHECKED BY RTAKEUCHI	DATE 2011/02/21							
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2011/06/13	molex						
		ANGULAR ±1 °		MATERIAL NO.						DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE						SD-503776-001		1 OF 2
		REV	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									



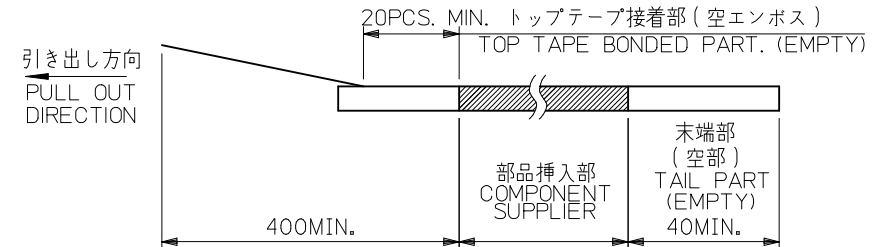
RECOMMENDED P.W. BOARD
PATTERN LAYOUT

- *1 パターン引き回し、および半田禁止エリア
(当該箇所においては、これと接する回路以外の配線を禁止する。
また、接する回路を配線する場合はレジストを施し、この部分に
半田は無きこととする。)
- *1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

REVISED EC NO: J2013-1495 DRWN:TARA101 2013/06/10 CHKD:TASAKAWA 2013/06/10 APPR:KMORI KAWA 2013/06/12	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 20:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	DRAWN BY KSASAKI	DATE 2011/02/21	TITLE 0.4 BB CONN.HGT=0.8 W=2.5 PLUG ASS'Y				
		10 OVER 30 UNDER	± 0.25	CHECKED BY RTAKEUCHI	DATE 2011/02/21					
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2011/06/13	molex				
		ANGULAR ±1 °		MATERIAL NO. SEE SHEET 1						
	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					

注記 NOTES

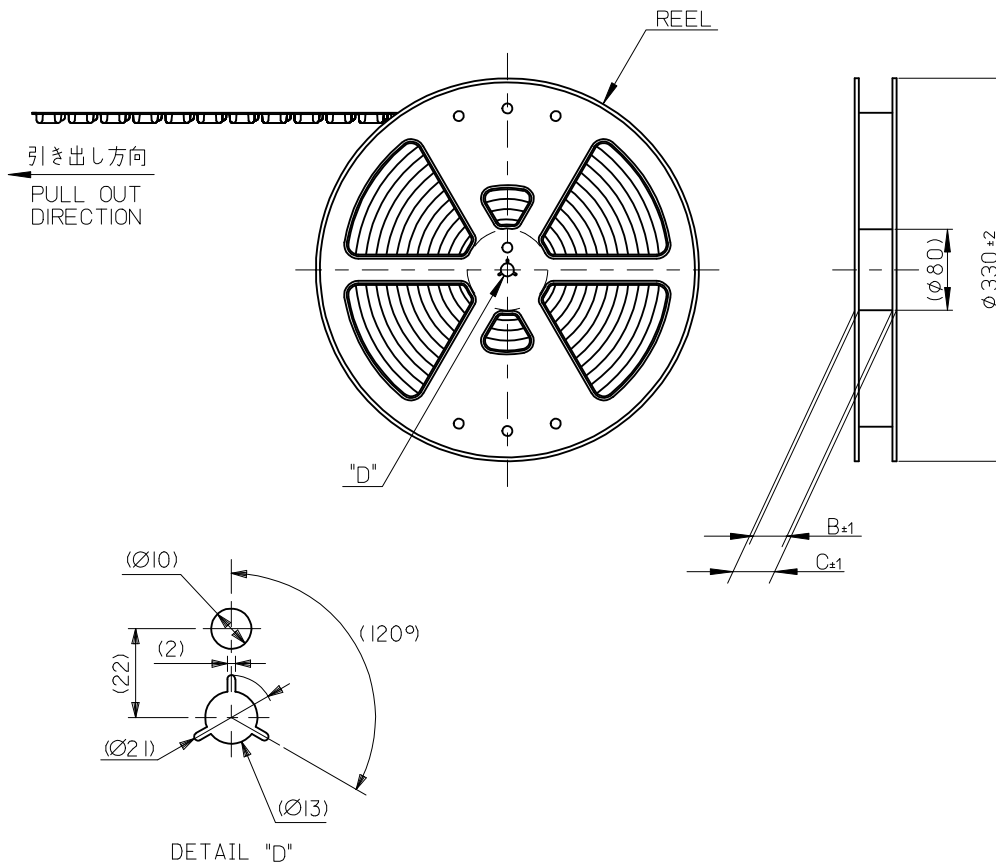
- 製品詳細寸法については製品単体図面を参照下さい。
RE DETAILED DIMENSION, SEE PRODUCT DRAWING.
- 梱包数量 : 3000 個/リール
NUMBER OF CONNECTORS : 3000PCS/REEL
- リードテープ長さ LEAD TAPE LENGTH



- 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 TRANSPORTION.

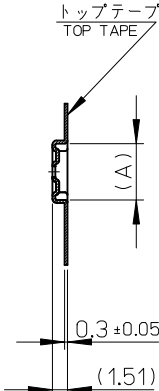


- 材料 MATERIAL
キャリアテープ (CARRIER TAPE) : ポリスチレン (POLYSTYRENE)
トップテープ (TOP TAPE) : PET, OTHER
リール (REEL) : ポリスチレン (PS) <リサイクル材を含む>
POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS適合品
ELV AND RoHS COMPLIANT

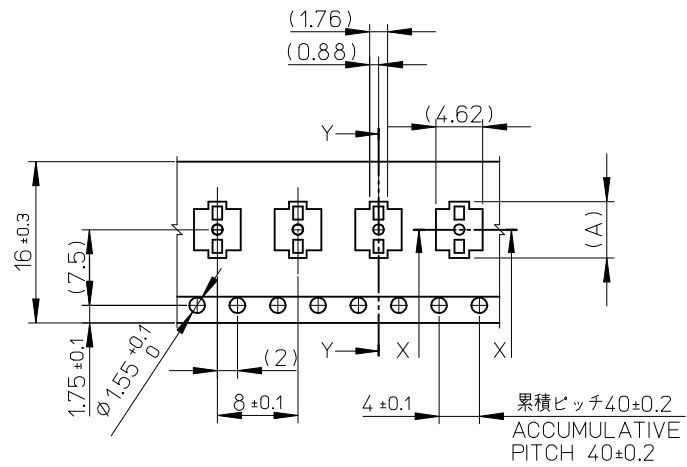


REVISED EC NO: J2013-1026 DRWN: TARA01 CHKD: TASAKAWA APPR: MSASAO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE --:--	DESIGN UNITS METRIC	MODEL NO. 503776-***0	THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	DRAWN BY KSASAKI	DATE 2011/06/09	TITLE 0.4 BB CONN. HGT=0.8 PLUG ASSY EMBSTP PKG				
		10 OVER 30 UNDER	± 0.25	CHECKED BY RTAKEUCHI	DATE 2011/06/09					
		30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2011/06/13					
		ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.				SHEET NO.
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-503776-002			1 OF 3		
	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

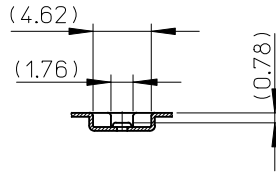
引き出し方向
PULL OUT DIRECTION



SECTION Y-Y



16mm 幅キャリアテープ
16mm WIDTH CARRIER TAPE



SECTION X-X

16	21.4	17.4	6.39	503776-2410		24
			5.59	503776-2010		20
			4.79	503776-1610		16
			3.59	503776-1010		10
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	503776-***0	

REVISED	EC NO: J2013-1026	2013/03/19	DRWN: TARAI 01	2013/03/19	CHKD: TASAKAWA	2013/03/19	APPR: MSASAO	2013/03/19	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
										10 UNDER	± 0.2	KSASAKI	2011/06/09	TITLE 0.4 BB CONN. HGT=0.8 PLUG ASSY EMBSTP PKG				
										10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
										30 OVER	± 0.3	RTAKEUCHI	2011/06/09	DOCUMENT NO. molex				
										ANGULAR ±1 °		APPROVED BY	DATE					
												MSASAO	2011/06/13					
B	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		SD-503776-002			SHEET NO. 2 OF 3									
				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

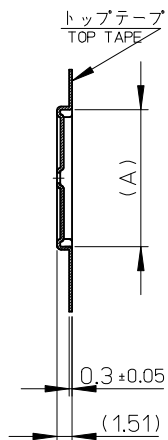
D

C

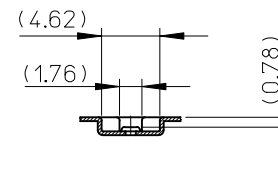
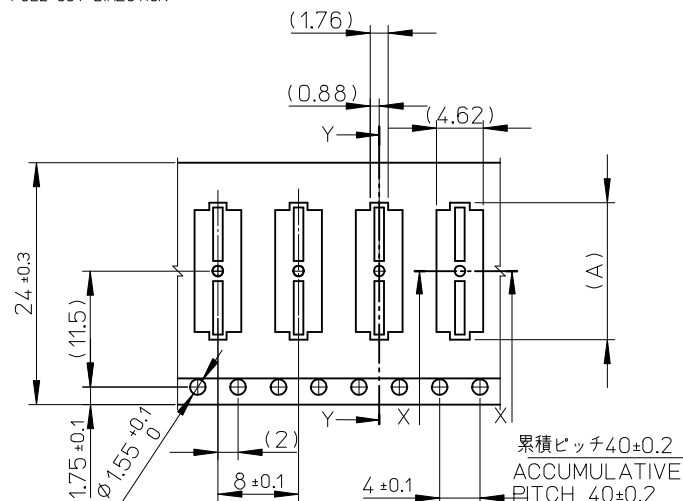
B

A

引き出し方向
PULL OUT DIRECTION



SECTION Y-Y

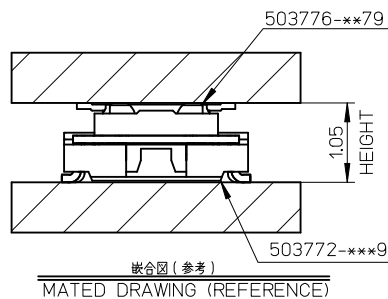
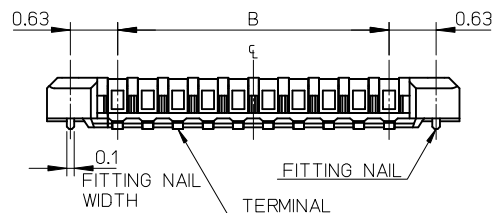
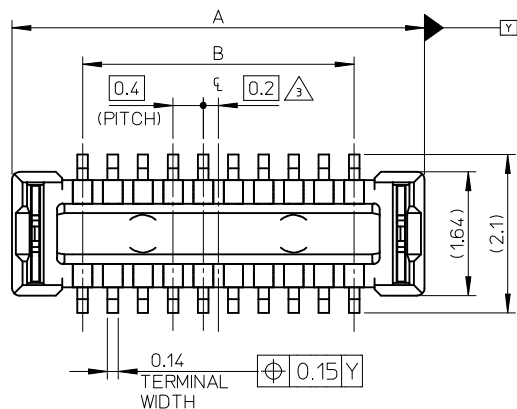


SECTION X-X

24mm 幅キャリアテープ
24mm WIDTH CARRIER TAPE

24	29.4	25.4	13.59	503776-6010		60
			11.59	503776-5010		50
			9.59	503776-4010		40
			8.39	503776-3410		34
			7.59	503776-3010		30
キャリアテープ幅 CARRIER TAPE WIDTH	C	B	(A)	MATERIAL No.		CKT.
				MODEL No.	503776-***0	

REVISED EC NO: J2013-1026 DRWN: TARA101 CHKD: TASAKAWA APPR: MSASAO	2013/03/19 2013/03/19 2013/03/19	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			10 UNDER	± 0.2	DRAWN BY KSASAKI	DATE 2011/06/09	TITLE 0.4 BB CONN. HGT=0.8 PLUG ASSY EMBSTP PKG		
			10 OVER 30 UNDER	± 0.25	CHECKED BY RTAKEUCHI	DATE 2011/06/09			
			30 OVER	± 0.3	APPROVED BY MSASAO	DATE 2011/06/13			
			ANGULAR ±1 °		MATERIAL NO. SEE CHART				
			B	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	



注記 NOTES

1. 使用材料 MATERIAL

ハウジング : 液晶ポリマー (LCP) UL94V-0 (黒)
HOUSING: LIQUID CRYSTAL POLYMER UL94V-0 (COLOR: BLACK)

ターミナル : 銅合金
TERMINAL : COPPER ALLOY

金具 : 銅合金
FITTING NAIL : COPPER ALLOY

2. メッキ仕様 PLATING

ターミナル TERMINAL

金メッキ
GOLD

下地メッキ : ニッケルメッキ
UNDER PLATING : NICKEL

※コンタクト部とテール部はニッケルメッキによって分断されている金メッキです。
DIVIDE INTO PARTS THE GOLD PLATING OF THE CONTACT
AND THE TAIL PART BY THE NICKEL PLATING.

金具 FITTING NAIL

錫メッキ
Tin PLATING

下地メッキ : ニッケルメッキ
UNDER PLATING : NICKEL

△ (全極数 / 2) = 偶数の場合に適用。
APPLY FOR (CIRCUIT/2) = EVEN.

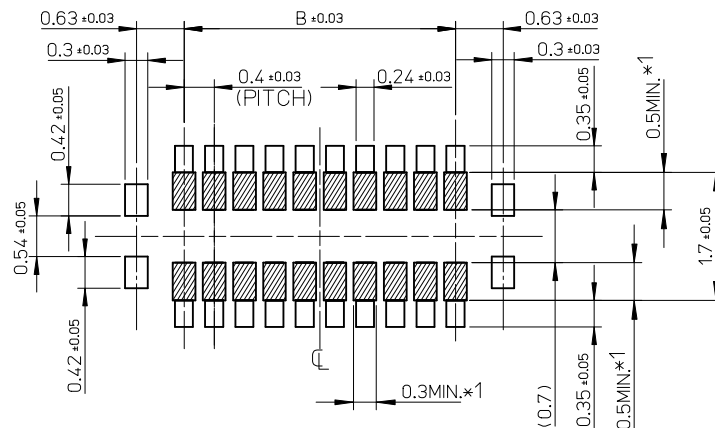
4. 嵌合相手 : 503772 シリーズ
MATE WITH : 503772 SERIES.

5. テール及び金具の平坦度は、0.08 以下
TAIL AND FITTING NAIL COPLANARITY TO BE 0.08 MAXIMUM.

6. ELV and RoHS COMPLIANT

9.6	11.47	503776-5070	50
7.6	9.47	503776-4070	40
6.4	8.27	503776-3470	34
5.6	7.47	503776-3070	30
B	A	EMBOSSED PACKAGE	極数 CIRCUITS
		オーダー番号 ORDER No.	
		CONNECTOR SERIES NO.: 503776-***79	

RELEASED EC NO: J2013-0521 DRAWN:YFUJIMAKI CHKD:TASAKAWA APPR:MSASAO	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 15:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
		10 UNDER	± 0.2	YFUJIMAKI	2012/11/06	TITLE 0.4 BB CONN.HGT=0.8 W=2.5 PLUG CHECKER TYPE ASS'Y			
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE				
		30 OVER	± 0.3	TASAKAWA	2012/11/08				
				APPROVED BY	DATE	molex			
			MSASAO	2012/11/13					
			ANGULAR ±1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-503776-003		1 OF 2	
0	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



RECOMMENDED P.W. BOARD
PATTERN LAYOUT

- ※1 パターン引き回し、および半田禁止エリア
(当該箇所においては、これと接する回路以外の配線を禁止する。
また、接する回路を配線する場合はレジストを施し、この部分に
半田は無きこととする。)
- ※1 PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA, THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED, THEN COVERED WITH A FILM TO KEEP SOLDER OUT.)

RELEASED EC NO: J2013-0521 DRWN:YFUJIMAKI 2012/11/06 CHKD:TASAKAWA APPR:MSASAO 2012/11/13 O	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 20:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	± 0.2	YFUJIMAKI	2012/11/06	TITLE 0.4 BB CONN.HGT=0.8 W=2.5 PLUG CHECKER TYPE ASS'Y				
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE					
		30 OVER	± 0.3	TASAKAWA	2012/11/08	DOCUMENT NO. SD-503776-003				
		APPROVED BY		DATE	SHEET NO.					
	ANGULAR ±1 °		MATERIAL NO.		2 OF 2					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1							
REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						