



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 5023860570 - Connector Receptacle 5 Position 0.049" (1.25mm) Tin Surface
Mount, Right Angle

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

Excellent Integrated System Limited

Stocking Distributor

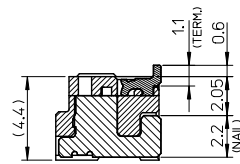
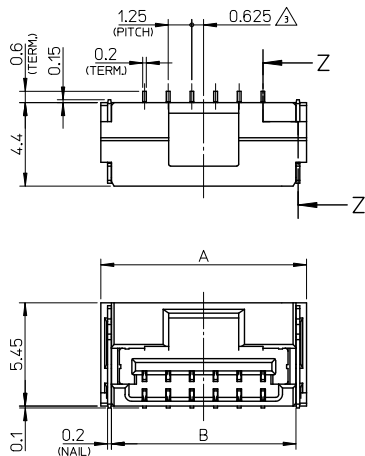
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[5023860570](#)

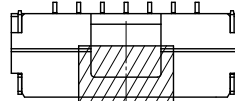
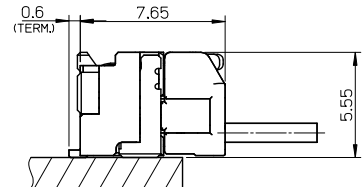
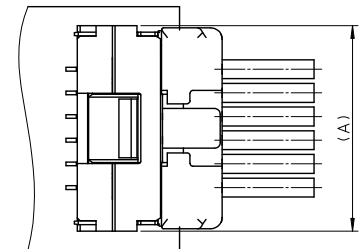
For any questions, you can email us directly:

sales@integrated-circuit.com

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



SECTION Z-Z

カプトンテープ付き
WITH KAPTON TAPE

嵌合図

MATED CONNECTORS

NOTES

1. 嵌合相手: 502380-****
MATE WITH: 502380-****
2. 端子テール部 及び ネイルの平坦度: 0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
3. 極数/2=偶数に適用。
APPLY FOR CKT. SIZE / 2 = EVEN.
4. 端子テール部 及び ネイルに錫めっきを使用しているため、
外観に摺動痕が付く場合が御座います。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR THA TAIL AND NAIL.
5. 本製品のプラスチック部に黒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 SPOT ETC. MIGHT BE CONFIRMED TO THE PLASTIC PART
OF THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
6. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

3.4	7.5	11	12.1	502386-07**	7
3.4	6.25	9.75	10.85	502386-06**	6
3.4	5	8.5	9.6	502386-05**	5
3.4	3.75	7.25	8.35	502386-04**	4
2.6	2.5	6	7.1	502386-03**	3
2.2	1.25	4.75	5.85	502386-02**	2
D	C	B	A	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	極数 CKT. NO.

番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	耐熱性樹脂 UL94V-0 色:SHEET 3 参照 HEATPROOF RESIN UL94V-0 COLOR: SEE SHEET 3
②	ターミナル TERMINAL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN (TAIL AREA) ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
③	ネイル NAIL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)

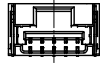
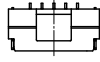
REVISED EC NO. J2013-0870 TIDRWAKASHIO CHKDKASAKAWA APPR:YOTO REV	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	
				MM ONLY		5:1	METRIC		
		10 UNDER	± 0.2	DRAWN BY	DATE	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASSY 2-7CKT.			
		10 OVER 30 UNDER	± 0.25	T. MIYAZAKI	2006/08/28				
				CHECKED BY	DATE				
		30 OVER	± 0.3	K. ASAKAWA	2006/08/28	molex			
				APPROVED BY	DATE				
				Y.O. ITO	2006/08/28				
		ANGULAR	± 3 °	MATERIAL NO.		DOCUMENT NO.			SHEET NO. 1 OF 3
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502386-001			
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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Rev G 2012/01/25

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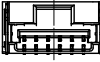
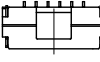
2 C.T.



5 C.T.



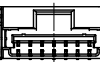
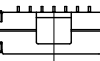
3 C.T.



6 C.T.

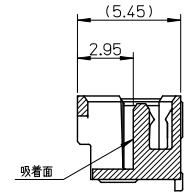
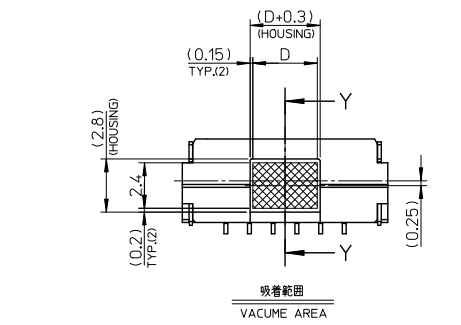


4 C.T.

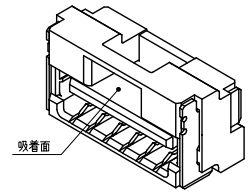
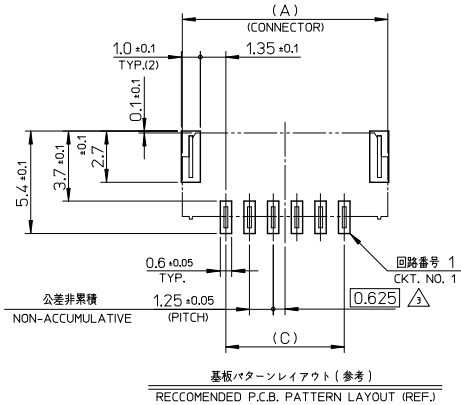


7 C.T.

極数の種類
KIND OF C.T. NO.(FRONT VIEW)



SECTION Y-Y



吸着面

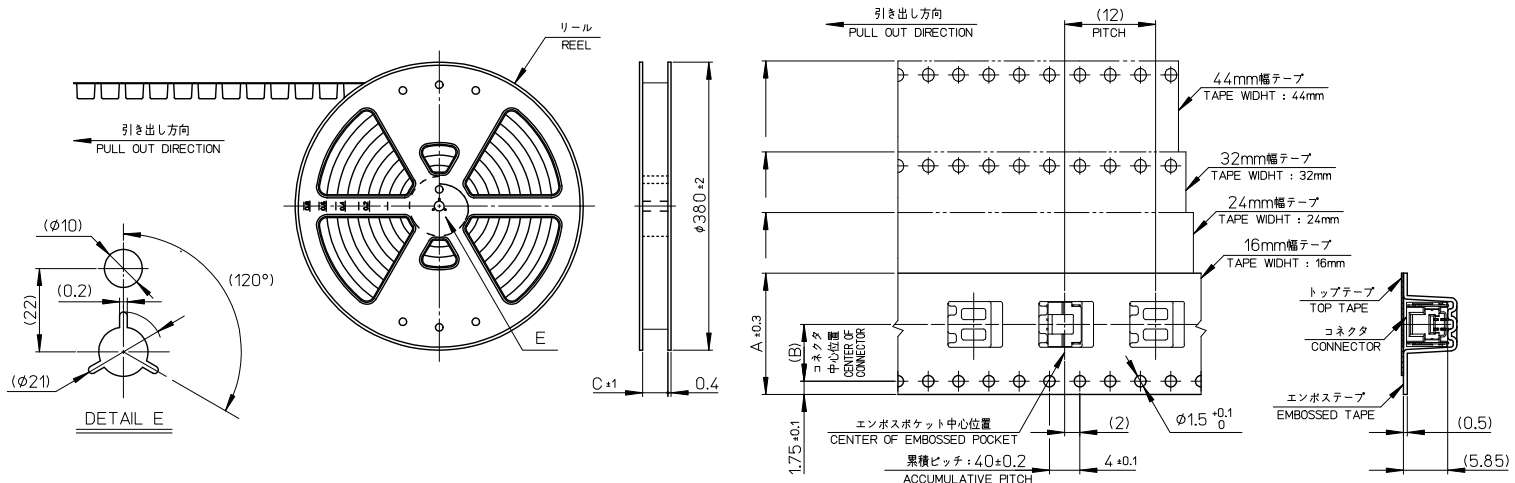
REVISED	EC NO.	J2013-0870	TIDRNMASHIO	2013/02/07	CHKDKASAKAWA	2013/02/13	APPR:YOTO	2013/02/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	DOCUMENT NO.	SHEET NO.
										10 UNDER	± 0.2	MM ONLY	DATE						
										10 OVER	± 0.25		2006/08/28				1.25 W/B CONN. SINGLE R/A REC. ASS'Y 2-7CKT.		2 OF 3
										30 OVER	± 0.3		2006/08/28						
										ANGULAR	± 3 °		2006/08/28						
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE							
										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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WITH CAPTON TAPE									
HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL	
502386-0736	502386-***16	502386-0734	502386-***14	502386-0732	502386-***12	502386-0731	502386-***11	502386-0772	502386-***08
502386-0636		502386-0634		502386-0632		502386-0631		502386-0672	
502386-0536		502386-0534		502386-0532		502386-0531		502386-0572	
502386-0436		502386-0434		502386-0432		502386-0431		502386-0472	
502386-0336		502386-0334		502386-0332		502386-0331		502386-0372	
502386-0236		502386-0234		502386-0232		502386-0231		502386-0272	
EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES
									極数 (EXT. NO.)

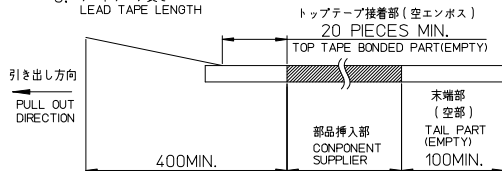
WITHOUT CAPTON TAPE									
HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL	
502386-0746	502386-***26	502386-0744	502386-***24	502386-0742	502386-***22	502386-0741	502386-***21	502386-0770	502386-***09
502386-0646		502386-0644		502386-0642		502386-0641		502386-0670	
502386-0546		502386-0544		502386-0542		502386-0541		502386-0570	
502386-0446		502386-0444		502386-0442		502386-0441		502386-0470	
502386-0346		502386-0344		502386-0342		502386-0341		502386-0370	
502386-0246		502386-0244		502386-0242		502386-0241		502386-0270	
EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	コネクタ シリーズ CONNECTOR SERIES
									極数 (EXT. NO.)

REVISED EC NO: J2013-0870 DRAWN BY T. MIYAZAKI 2013/02/07 CHECKED BY K. ASAKAWA 2013/02/13 APPR: Y.O.I TO 2013/02/13		DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE -----	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			10 UNDER	± 0.2	DRAWN BY T. MIYAZAKI		DATE 2006/08/28		TITLE 1.25 W/B CONN. SINGLE R/A REC. ASS'Y 2-7CKT.		
			10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA		DATE 2006/08/28				
			30 OVER	± 0.3	APPROVED BY Y.O. ITO		DATE 2006/08/28		molex		
			ANGULAR	± 3 °	MATERIAL NO.		DOCUMENT NO.				
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502386-001		3 OF 3		
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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NOTES

- 製品詳細寸法については、SD-502386-001、-002 を参照下さい。
PLEASE REFER TO SD-502386-001、-002 FOR THE DETAILED DIMENSION OF THE CONNECTOR.
- 梱包数量 : 1200個
NUMBER OF CONNECTIONS : 1200 PIECES/REEL.
- リードテープ長さ
LEAD TAPE LENGTH



- 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 <リサイクル材を含む>
REEL : POLYSTYRENE <RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

45.5	20.2	44	502386-15**	15
45.5	20.2	44	502386-14**	14
33.5	14.2	32	502386-13**	13
33.5	14.2	32	502386-12**	12
33.5	14.2	32	502386-11**	11
33.5	14.2	32	502386-10**	10
25.5	11.5	24	502386-09**	9
25.5	11.5	24	502386-08**	8
25.5	11.5	24	502386-07**	7
25.5	11.5	24	502386-06**	6
25.5	11.5	24	502386-05**	5
25.5	11.5	24	502386-04**	4
17.5	7.5	16	502386-03**	3
17.5	7.5	16	502386-02**	2

C	B	エンボステープ幅 A WIDTH OF TAPE	製品番号 MATERIAL NO.	極数 (XT. NO.)
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REVISED	EC NO. : J2013-0870	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	EC NO. : J2013-0870		10 UNDER	± 0.2	DRAWN BY T. MIYAZAKI	DATE 2006/10/16	TITLE 1.25 W/B CONN. SINGLE R/A REC. EMBTP PKG		
	EC NO. : J2013-0870		10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA	DATE 2006/10/16			
	EC NO. : J2013-0870		30 OVER	± 0.3	APPROVED BY Y. ITO	DATE 2006/10/16			
	EC NO. : J2013-0870		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		
	EC NO. : J2013-0870		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-502386-003		
	EC NO. : J2013-0870		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

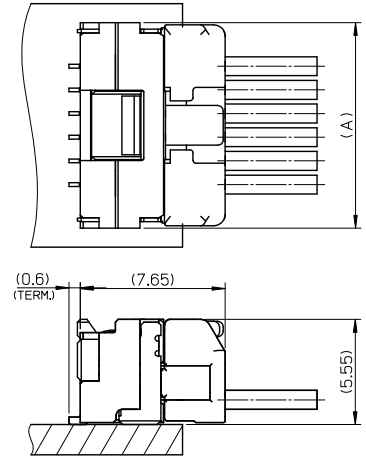
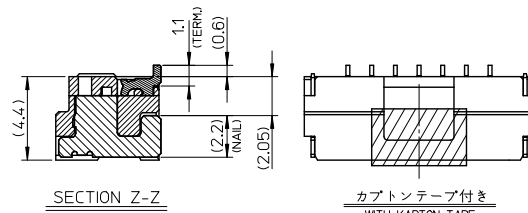
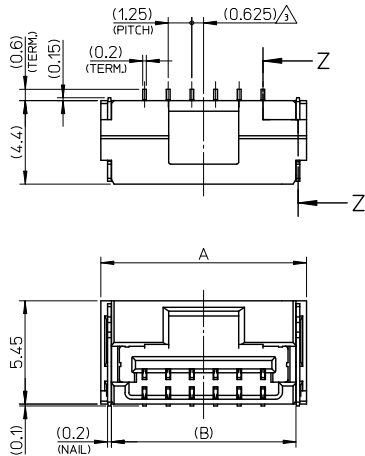
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WITHOUT CAPTON TAPE			WITH CAPTON TAPE											
HSG COLOR : ORANGE			HSG COLOR : GREEN			HSG COLOR : BLUE			HSG COLOR : RED			HSG COLOR : BLACK		
502386-**28	502386-0948	15	---	---	---	---	---	---	---	---	---	---	---	---
	---	14	---	---	---	---	---	---	---	---	---	---	---	---
	---	13	---	---	---	---	---	---	---	---	---	---	---	---
	---	12	---	---	---	---	---	---	---	---	---	---	---	---
	---	11	---	---	---	---	---	---	---	---	---	---	---	---
	---	10	---	---	---	---	---	---	---	---	---	---	---	---
	---	9	---	---	---	---	---	---	---	---	---	---	---	---
	---	8	---	---	---	---	---	---	---	---	---	---	---	---
	---	7	---	---	---	---	---	---	---	---	---	---	---	---
	---	6	---	---	---	---	---	---	---	---	---	---	---	---
502386-**16	502386-0736	7	---	---	---	---	---	---	---	---	---	---	---	---
	502386-0636	6	---	---	---	---	---	---	---	---	---	---	---	---
	502386-0536	5	---	---	---	---	---	---	---	---	---	---	---	---
	502386-0436	4	---	---	---	---	---	---	---	---	---	---	---	---
	502386-0336	3	---	---	---	---	---	---	---	---	---	---	---	---
コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	極数 (XT. NO.)	コネクタ シリーズ CONNECTOR SERIES			製品番号 MATERIAL NO.			コネクタ シリーズ CONNECTOR SERIES			製品番号 MATERIAL NO.		

WITHOUT CAPTON TAPE											
HSG COLOR : GREEN			HSG COLOR : BLUE			HSG COLOR : YELLOW			HSG COLOR : RED		
502386-**26	502386-1546	15	502386-**24	502386-1544	15	502386-**23	---	---	502386-**22	502386-1542	15
	502386-1446	14		502386-1444	14		---	---		502386-1442	14
	502386-1346	13		502386-1344	13		---	---		502386-1342	13
	502386-1246	12		502386-1244	12		---	---		502386-1242	12
	502386-1146	11		502386-1144	11		---	---		502386-1142	11
	502386-1046	10		502386-1044	10		---	---		502386-1042	10
	502386-0946	9		502386-0944	9		502386-0943	---		502386-0942	9
	502386-0846	8		502386-0844	8		---	---		502386-0842	8
	502386-0746	7		502386-0744	7		---	---		502386-0742	7
	502386-0646	6		502386-0644	6		---	---		502386-0642	6
コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	極数 (XT. NO.)	コネクタ シリーズ CONNECTOR SERIES			製品番号 MATERIAL NO.			コネクタ シリーズ CONNECTOR SERIES		

REVISED	EC NO.: J2013-0870 DRAWN: WASHIO 2013/02/13 CHKD: KASAKAWA 2013/02/13 APPR: YOI ITO 2013/02/13	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	A
			10 UNDER		± 0.2	DRAWN BY T. MIYAZAKI	DATE 2006/10/16	TITLE 1.25 W/B CONN. SINGLE R/A REC. EMBTP PKG			
			10 OVER 30 UNDER		± 0.25	CHECKED BY K. ASAKAWA	DATE 2006/10/16				
			30 OVER		± 0.3	APPROVED BY YO. ITO	DATE 2006/10/16				
			ANGULAR ± 3 °			MATERIAL NO.			DOCUMENT NO.	SHEET NO.	
REV			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		SEE TABLE SD-502386-003		2 OF 2	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											

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NOTES

1. 嵌合相手: 502380-****
MATE WITH: 502380-****
2. 端子テール部 及び ネイルの平坦度: 0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
3. 極数/2=偶数に適用。
APPLY FOR CKT. SIZE / 2 = EVEN.
4. 端子テール部 及び ネイルに錫めっきを使用しているため、
外観に摺動痕が付く場合が御座います。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR THA TAIL AND NAIL.
5. 本製品のプラスチック部に黒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 SPOT ETC. MIGHT BE CONFIRMED TO THE PLASTIC PART
OF THIS PRODUCT AND THE SHADE MIGHT BE DIFFERENT.
6. ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT

嵌合図
MATED CONNECTORS

3.4	7.5	11	12.1	502386-0707	7
3.4	6.25	9.75	10.85	502386-0607	6
3.4	5	8.5	9.6	502386-0507	5
3.4	3.75	7.25	8.35	502386-0407	4
2.6	2.5	6	7.1	502386-0307	3
2.2	1.25	4.75	5.85	502386-0207	2
D	C	B	A	EMBOSSED TAPE PACKAGE オーダー番号ORDER No.	極数 CKT. NO.

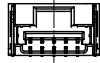
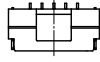
番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	耐熱性樹脂 UL94V-0 色: ナチュラル HEATPROOF RESIN UL94V-0 COLOR: NATURAL
②	ターミナル TERMINAL	銅合金 COPPER ALLOY 金めっき: 0.1 micro-meter MIN. GOLD ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
③	ネイル NAIL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)

RELEASED EC NO: J2016-0072 DRAWN: TAKAIKE CHKD: KASAKAWA 2015/07/21 2015/07/21 APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		0.25 UNDER	UNDER	±0.03	DRAWN BY	DATE	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASSY 2-7CKT.		
		0.25 OVER	0.5 UNDER	±0.05	TAKAIKE	2015/02/23			
		0.5 OVER	1.0 UNDER	±0.1	CHECKED BY	DATE			
		1.0 OVER	10 UNDER	±0.2	KASAKAWA	2015/07/21			
		10 OVER	30 UNDER	±0.2	APPROVED BY	DATE			
		30 OVER		±0.25	NUKITA	2015/07/21			
		ANGULAR ±3 °			MATERIAL NO.			DOCUMENT NO. SD-502386-006	
					SEE TABLE				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3				
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							SHEET NO. 1 OF 2

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com



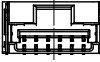
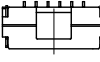
2 CKT.



5 CKT.



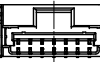
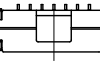
3 CKT.



6 CKT.

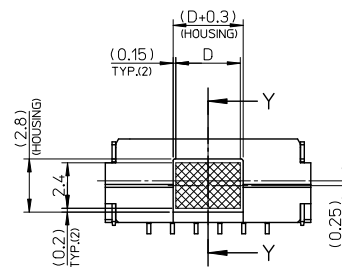


4 CKT.

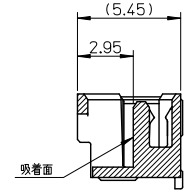


7 CKT.

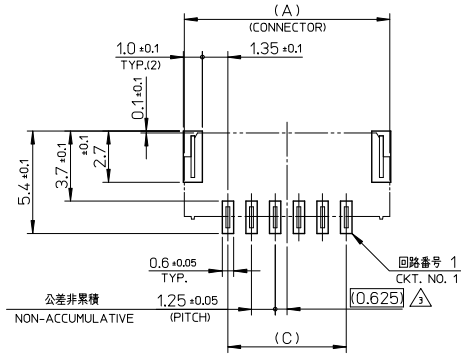
極数の種類
KIND OF CKT. NO.(FRONT VIEW)



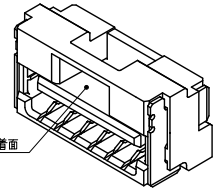
吸着範囲
VACUUM AREA



SECTION Y-Y



基板パターンレイアウト (参考)
RECOMMENDED P.C.B. PATTERN LAYOUT (REF.)



吸着面

RELEASED EC NO: 2016-0012 DRAWN: TAKAI KE CHKD: KASAKAWA APPR: NUKITA A	2015/02/23	DESCRIPTION 2015/07/21	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	0.25 UNDER		UNDER	± 0.03	DRAWN BY	DATE	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASS'Y 2-7CKT. molex DOCUMENT NO. SD-502386-006 SHEET NO. 2 OF 2			
	0.25 OVER		0.5 UNDER	± 0.05	TAKAI KE	2015/02/23				
	0.5 OVER		1.0 UNDER	± 0.1	CHECKED BY	DATE				
	1.0 OVER		10 UNDER	± 0.2	KASAKAWA	2015/07/21				
	10 OVER		30 UNDER	± 0.25	APPROVED BY	DATE				
	30 OVER			± 0.3	NUKITA	2015/07/21				
	ANGULAR ±3 °			MATERIAL NO.						
	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				
REV										