



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 5023860672 - Connector Receptacle 6 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

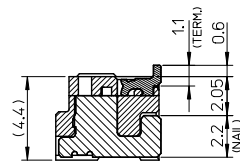
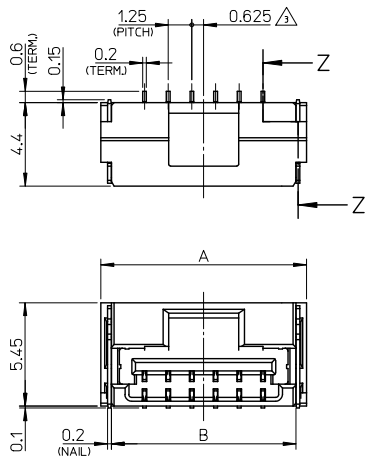
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[5023860672](#)

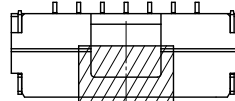
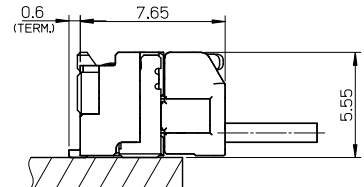
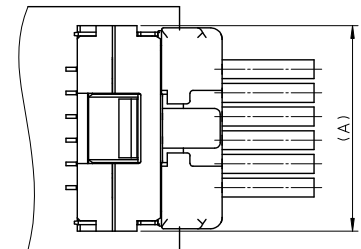
For any questions, you can email us directly:

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あります。
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.

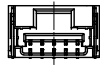
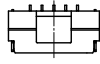
番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	耐熱性樹脂 UL94V-0 色:SHEET 3 参照 HEATPROOF RESIN UL94V-0 COLOR: SEE SHEET 3
②	ターミナル TERMINAL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN (TAIL AREA) ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
③	ネイル NAIL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN.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

REVISED EC NO. J2013-0870 TIDRWAKASHIO 2013/02/07 CHKDKASAKAWA 2013/02/13 APPR:YOTO 2013/02/13 REV DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASS'Y 2-7CKT.	DOCUMENT NO. SD-502386-001	SHEET NO. 1 OF 3
10 UNDER	±0.2	10 OVER 30 UNDER	±0.25	30 OVER	±0.3	ANGULAR ±3 °	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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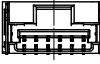
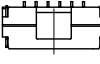
2 C.T.



5 C.T.



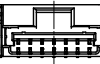
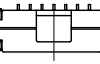
3 C.T.



6 C.T.

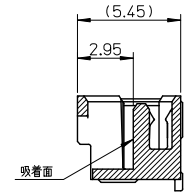
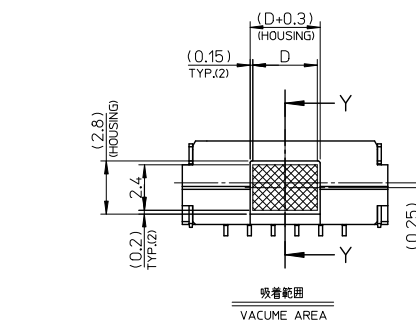


4 C.T.

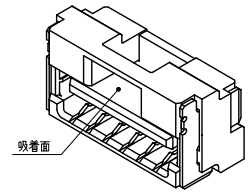
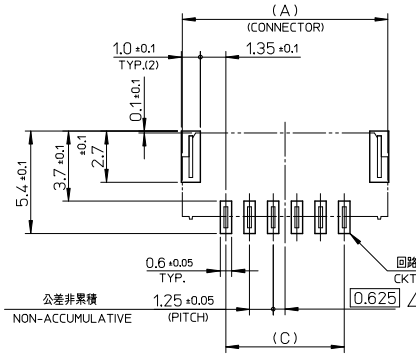


7 C.T.

極数の種類
KIND OF C.T. NO.(FRONT VIEW)



SECTION Y-Y



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

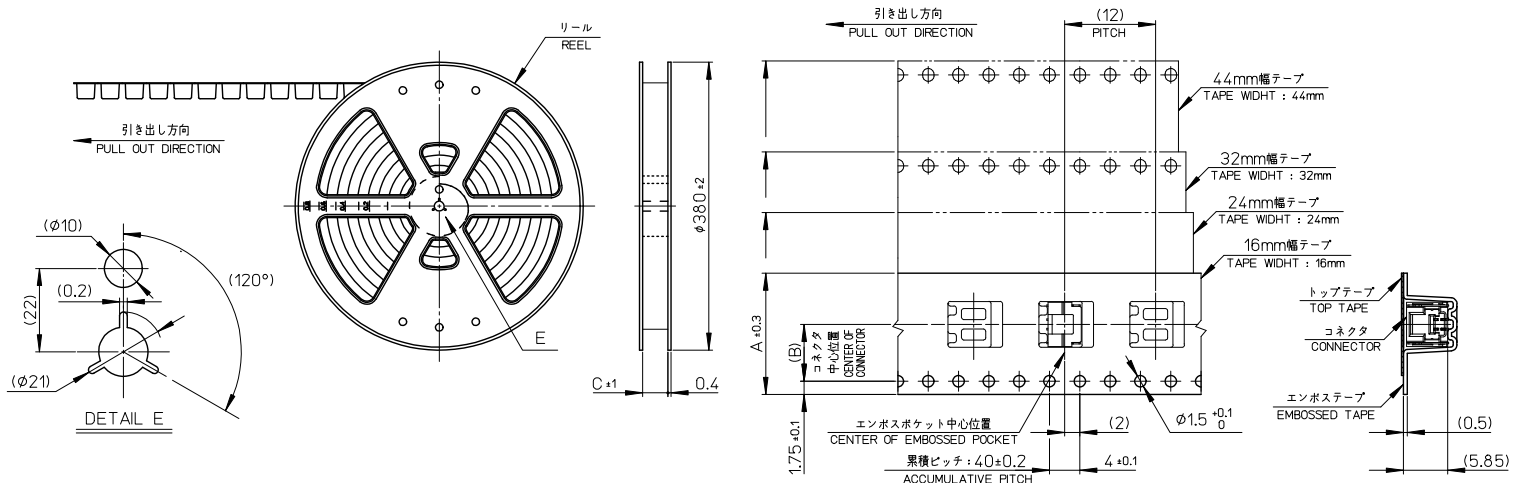
REVISED	EC NO. J2013-0870	TIDRNMASHIO	CHKDKASAKAWA	2013/02/07	2013/02/13	APPR:YOTO	2013/02/13	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
										MM ONLY		5:1	METRIC		
								10 UNDER	± 0.2	DRAWN BY	DATE	TITLE			
								10 OVER 30 UNDER	± 0.25	T. MIYAZAKI	2006/08/28	1.25 W/B CONN. SINGLE R/A REC. ASS'Y 2-7CKT.			
								30 OVER	± 0.3	CHECKED BY	DATE				

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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.)

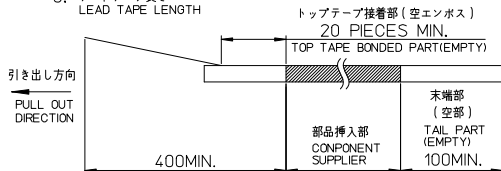
WITHOUT CAPTON TAPE									
HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL	
502386-0746	502386-***26	502386-0744	502386-***24	502386-0742	502386-***22	502386-0741	502386-***21	502386-0770	502386-***09
502386-0646		502386-0644		502386-0642		502386-0641		502386-0670	
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 TIDRNNWASHIO CHKDASAKAWA APPR:Y0.I TO 2013/02/07 2013/02/13 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	DATE	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASS'Y 2-7CKT.		molex		DOCUMENT NO. SD-502386-001	
		10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE						
		30 OVER	± 0.3	APPROVED BY	DATE						
		ANGULAR ±3 °		MATERIAL NO.		SEE TABLE		SHEET NO. 3 OF 3			
		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					

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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 DRAWN: MASHIO CHKD: KASAKAWA APPR: Y. ITO	2013/02/07 2013/02/13 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 2006/10/16	TITLE 1.25 W/B CONN. SINGLE R/A REC. EMBTP PKG molex DOCUMENT NO. SD-502386-003		
				10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA	DATE 2006/10/16			
				30 OVER	± 0.3	APPROVED BY Y. ITO	DATE 2006/10/16			
				ANGULAR ± 3 °		MATERIAL NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		1 OF 2		
				REV	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

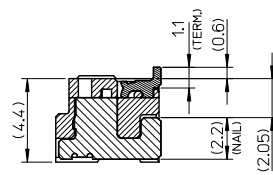
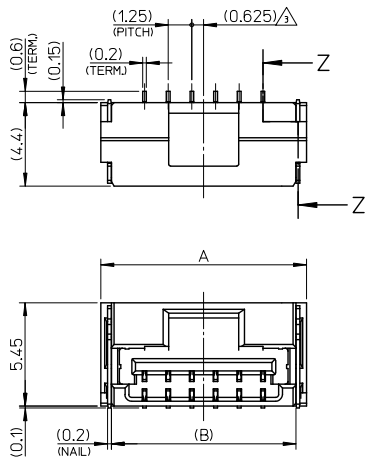
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WITHOUT CAPTON TAPE			WITH CAPTON TAPE											
HSG COLOR : ORANGE			HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL			
502386-**28	—	15	—	—	—	—	—	—	—	—	—	—	15	
	—	14	—	—	—	—	—	—	—	—	—	—	14	
	—	13	—	—	—	—	—	—	—	—	—	—	13	
	—	12	—	—	—	—	—	—	—	—	—	—	12	
	—	11	—	—	—	—	—	—	—	—	—	—	11	
	—	10	—	—	—	—	—	—	—	—	—	—	10	
	502386-0948	9	—	—	—	—	—	—	—	—	—	—	9	
	—	8	—	—	—	—	—	—	—	—	—	—	8	
	—	7	—	—	—	—	—	—	—	—	—	—	7	
	—	6	502386-0736	502386-0734	502386-0732	502386-0731	502386-0772	7						
	—	5	502386-0636	502386-0634	502386-0632	502386-0631	502386-0672	6						
	—	4	502386-0536	502386-0534	502386-0532	502386-0531	502386-0572	5						
—	3	502386-0436	502386-0434	502386-0432	502386-0431	502386-0472	4							
—	2	502386-0336	502386-0334	502386-0332	502386-0331	502386-0372	3							
—	2	502386-0236	502386-0234	502386-0232	502386-0231	502386-0272	2							
コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	極数 (KT. 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.	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.	コネクタ シリーズ CONNECTOR SERIES	製品番号 MATERIAL NO.	極数 (KT. NO.)	

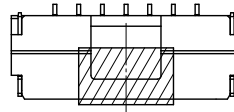
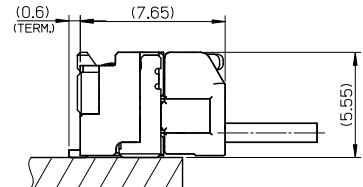
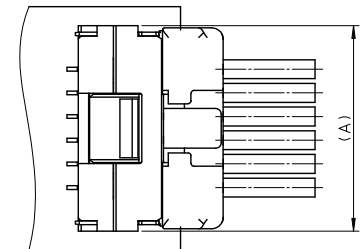
WITHOUT CAPTON TAPE												
HSG COLOR : GREEN		HSG COLOR : BLUE		HSG COLOR : YELLOW		HSG COLOR : RED		HSG COLOR : BLACK		HSG COLOR : NATURAL		
502386-**26	502386-1546	502386-**24	502386-1544	502386-**23	—	502386-**22	502386-1542	502386-**21	502386-1541	502386-**09	502386-1570	15
	502386-1446		502386-1444		—		502386-1442		502386-1441		502386-1470	14
	502386-1346		502386-1344		—		502386-1342		502386-1341		502386-1370	13
	502386-1246		502386-1244		—		502386-1242		502386-1241		502386-1270	12
	502386-1146		502386-1144		—		502386-1142		502386-1141		502386-1170	11
	502386-1046		502386-1044		—		502386-1042		502386-1041		502386-1070	10
	502386-0946		502386-0944		502386-0943		502386-0942		502386-0941		502386-0970	9
	502386-0846		502386-0844		—		502386-0842		502386-0841		502386-0870	8
	502386-0746		502386-0744		—		502386-0742		502386-0741		502386-0770	7
	502386-0646		502386-0644		—		502386-0642		502386-0641		502386-0670	6
	502386-0546		502386-0544		—		502386-0542		502386-0541		502386-0570	5
	502386-0446		502386-0444		—		502386-0442		502386-0441		502386-0470	4
	502386-0346		502386-0344		—		502386-0342		502386-0341		502386-0370	3
	502386-0246		502386-0244		—		502386-0242		502386-0241		502386-0270	2
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.	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.	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.	極数 (KT. NO.)

REVISED EC NO. J2013-0870 T. DRINKWASHIO CHIKO ASAKAWA APPR. Y. ITO	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 2006/10/16	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 Y. ITO	DATE 2006/10/16				
		ANGULAR ± 3 °	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 2		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SD-502386-003				
		SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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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。
BECAUSE THE TIN PLATING IS USED FOR THE 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	502386-0707	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.

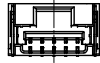
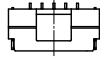
番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	耐熱性樹脂 UL94V-0 色: ナチュラル HEATPROOF RESIN UL94V-0 COLOR: NATURAL
②	ターミナル TERMINAL	銅合金 COPPER ALLOY 金めっき: 0.1 micro-meter MIN. GOLD ニッケルめっき(下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
③	ネイル NAIL	銅合金 COPPER ALLOY 錫めっき: 1.0 micro-meter MIN. TIN ニッケルめっき(下地): 1.0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

RELEASED EC NO: J2016-0012 DRAWN: TAKAIKE CHKD: KASAKAWA APPR: NUKITA REV A	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		0.25	UNDER	UNDER	±0.03	DRAWN BY TAKAIKE	DATE 2015/02/23	TITLE 1.25 W/B CONN. SINGLE R/A REC. ASSY 2-7CKT. molex				
		0.25	OVER	0.5	UNDER	±0.05	CHECKED BY KASAKAWA					DATE 2015/07/21
		0.5	OVER	1.0	UNDER	±0.1	APPROVED BY NUKITA					DATE 2015/07/21
		1.0	OVER	10	UNDER	±0.2	MATERIAL NO. SEE TABLE					DOCUMENT NO. SD-502386-006
		10	OVER	30	UNDER	±0.25	SHEET NO. 1 OF 2					
		30	OVER			±0.3						
		ANGULAR			±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					

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



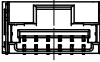
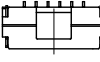
2 CKT.



5 CKT.



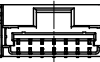
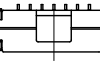
3 CKT.



6 CKT.

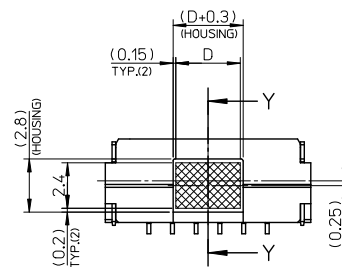


4 CKT.

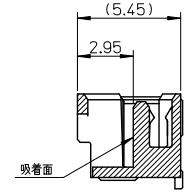


7 CKT.

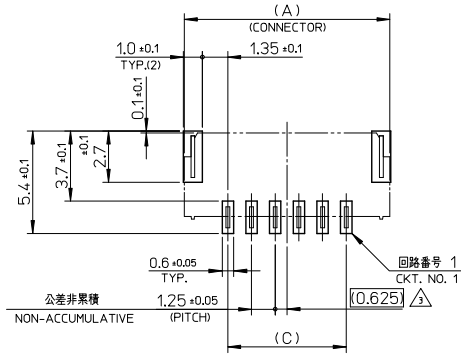
極数の種類
KIND OF CKT. NO.(FRONT VIEW)



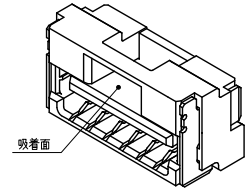
吸着範囲
VACUUM AREA



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: J2016-0012 DRWN: TAKAIKE CHKD: KASAKAWA APPR: NUKITA REV A	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. ASS'Y 2-7CKT. molex DOCUMENT NO. SD-502386-006		
		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	±0.25	APPROVED BY	DATE			
		30 OVER		±0.3	NUKITA	2015/07/21			
		ANGULAR ±3 °			MATERIAL NO.		SHEET NO. 2 OF 2		
		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		