



Distributor of Molex Connector Corporation: Excellent Integrated System Limited
Datasheet of 5019312070 - Connector Receptacle 20 Position 0.049" (1.25mm) Gold Surface Mount

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

Excellent Integrated System Limited

Stocking Distributor

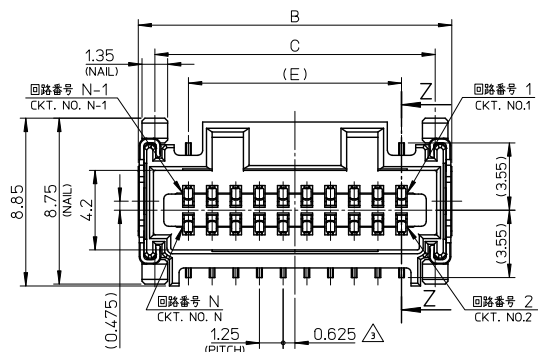
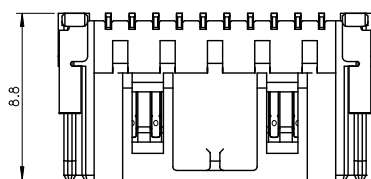
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[5019312070](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

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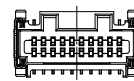
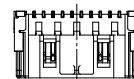
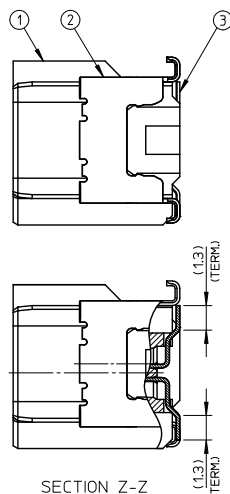


番号 NO.	部品 PART	材質 MATERIAL
①	ハウジング HOUSING	ポリアミド (PA) UL94V-0 色: 自然色 POLYAMIDE (PA) UL94V-0 COLOR:NATURAL
②	ターミナル TERMINAL	銅合金 COPPER ALLOY 金めっき (接点部): 0.1 micro-meter MIN. GOLD (CONTACT AREA) 錫めっき (テール部): 1.0 micro-meter MIN. TIN (TAIL AREA) ニッケルめっき (下地): 1.0 micro-meter MIN. NICKEL (UNDER PLATING)
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)

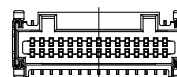
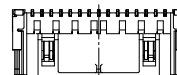
tb_frame_A3_J_ME_S
Rev. E 2006/04/15

NOTES

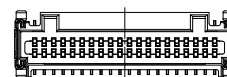
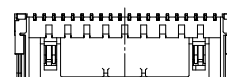
1. 嵌合相手：503110-****.
MATE WITH：503110-****.
2. 端子部及び ネールの平坦度：0.1MAX.
TAIL AND NAIL COPLANARITY TO BE 0.1 MAX.
- △ 板数/2=偶数に適用
APPLY FOR CKT. SIZE / 2 = EVEN.
4. 端子部及び、ネールに接着剤を使用しているため、
外板に振動荷が付く場合が御座います。
THE WOUND OF FRICTION MIGHT ADHERE TO EXTERNALS
BECAUSE THE TIN PLATING IS USED FOR THE TAIL AND NAIL.
5. 本製品のプラスチック部は黒点等が確認される場合、
色合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 COLOR SPOT 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



20c kt.



30c kt.



40kt.

極数の種類（正面図）

KIND OF CKT. NO. (FRONT VIEW)

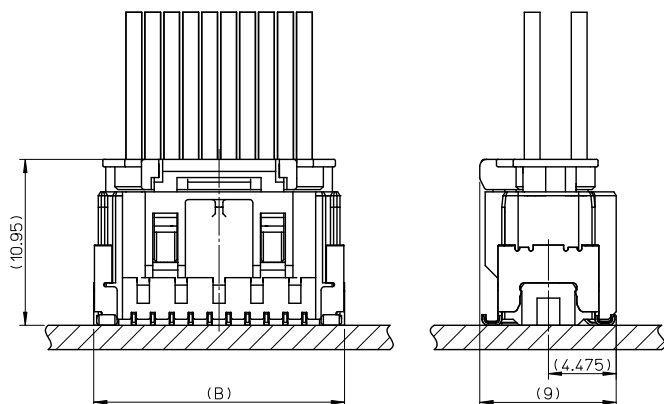
17	23.75	25.3	27.3	29.05	29.5	501931-4070	40
10.75	17.5	19.05	21.05	22.8	23.25	501931-3070	30
4.5	11.25	12.8	14.8	16.55	17	501931-2070	20
F	E	D	C	B	A	EMBOSSED PACKAGE オーダー番号 ORDER No.	極数 CIRCUITS

CONNECTOR SERIES No. 501931-**-00

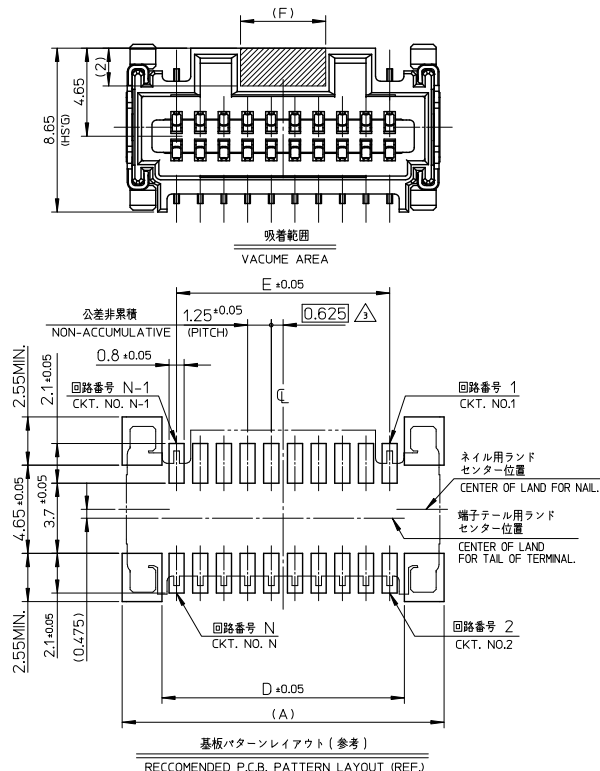
REVISED	2009/12/03	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		CONNECTOR SERIES NO. 501931-001		SCALE		SIGNATURE		THIRD ANGLE PROJECTION	
	MM ONLY				5:1		METRIC							
	EC NO. J2010-1115		DRAWN BY T. MIYAZAKI 2006/03/13	DATE 2006/03/13	TITLE 1.25 W/B CONN. DUAL S/T REC. ASSY									
	DOWNYOSHIO KAWA													
	CHIKO ASAKAWA													
2009/12/07	10 UNDER ± 0.2	CHECKED BY K. ASAKAWA 2006/03/13	DATE 2006/03/13	MOLEX INCORPORATED										
2009/12/07	10 OVER 30 UNDER ± 0.25	APPROVED BY S. ICHIKAWA 2006/03/13	DATE 2006/03/13											
APPR. NUKI TA	30 OVER ± 0.3	MATERIAL NO.	DOCUMENT NO.			SHEET NO.								
REV			ANGULAR ± 3 °	SEE TABLE		SD-501931-001		1 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								

EN-02 JA(021)

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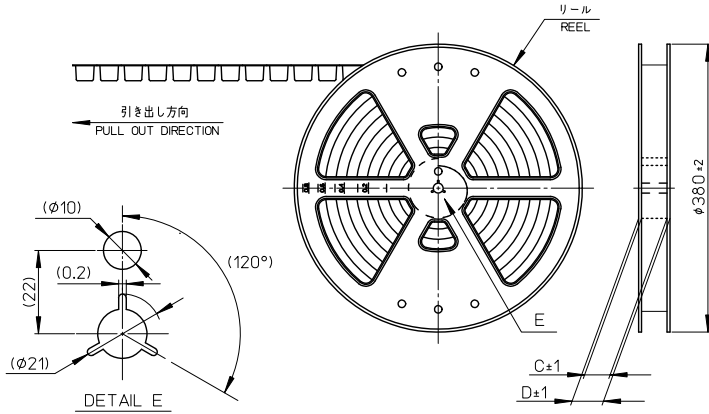


嵌合図
MATED CONNECTORS



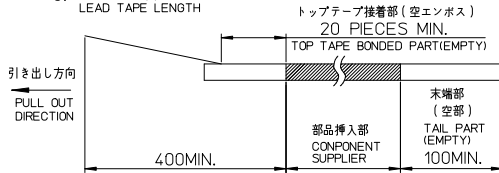
REVISED	EC NO. : I2010-1115 DRAWN:YOSHIKAWA CHECKED: ASAKAWA APPROVED: NIKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			10 UNDER	± 0.2	DRAWN BY T. MIYAZAKI	DATE 2006/03/13	TITLE 1.25 W/B CONN. DUAL S/T REC. ASS'Y				
			10 OVER 30 UNDER	± 0.25	CHECKED BY K. ASAKAWA	DATE 2006/03/13					
			30 OVER	± 0.3	APPROVED BY S. ICHIKAWA	DATE 2006/03/13	 MOLEX INCORPORATED				
			ANGULAR	± 3 °	MATERIAL NO.					DOCUMENT NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET1					SD-501931-001	
REV			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
							SHEET NO. 2 OF 2				

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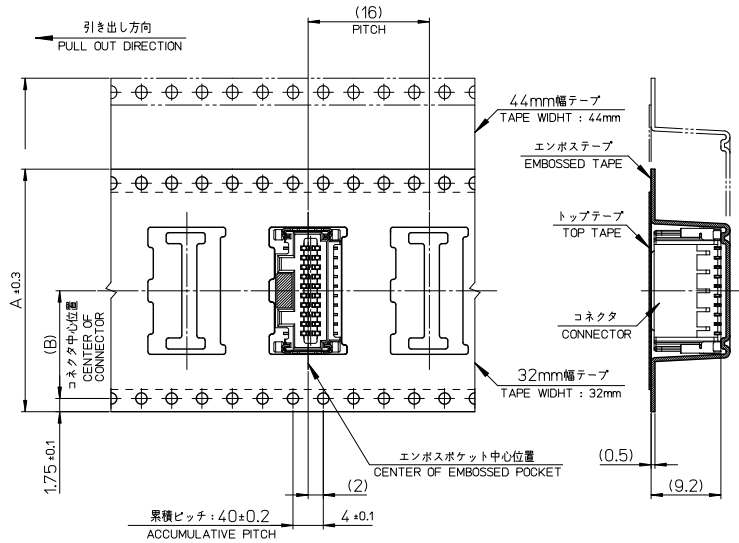


NOTES

- 製品詳細寸法については、SD-501931-001 を参照下さい。
PLEASE REFER TO SD-501931-001 FOR THE DETAILED DIMENSION OF THE CONNECTOR.
- 極数数量 : 550個
NUMBER OF CONNECTORS : 550 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 (PS)
CARRIER TAPE: POLYSTYRENE (PS)
トップテープ: ポリエステル (PET) 、その他
TOP TAPE: POLYESTER (PET) 、OTHER
リール: ポリスチレン (PS) <リサイクル材を含む>
REEL: POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>
- ELV 及び RoHS 適合品
ELV AND RoHS COMPLIANT



49.4	45.4	20.2	44	44	501931-4070	40
49.4	45.4	20.2	44	44	501931-3070	30
37.4	33.4	14.2	32	32	501931-2070	20

D	C	B	A	エンボスステップ幅 A WIDTH OF TAPE	EMBOSSED PACKAGE	極数 CIRCUITS
				エンボスポケット中心位置 CENTER OF EMBOSSED POCKET	オーダー番号 ORDER No.	501931-000

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		TITLE	
10 UNDER	± 0.2	DRAWN BY	DATE	1.25 W/B CONN. DUAL S/T REC. EMBTP PKG	
10 OVER 30 UNDER	± 0.25	CHECKED BY	DATE		
30 OVER	± 0.3	APPROVED BY	DATE		
ANGULAR ± 3 °		MATERIAL NO.		MOLEX INCORPORATED	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-501931-002	
SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 1	