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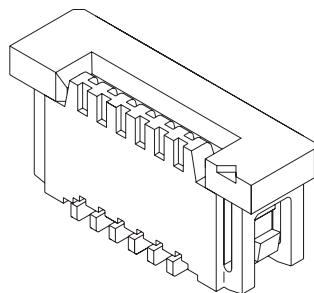
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Jameco Part Number 1932328

1.00mm (.039") Pitch FFC/FPC Connector

52610

Vertical, SMT, ZIF



Features and Benefits

- Sizes 6 to 30 circuits
- For 0.30mm thick FFC/FPC

Reference Information

UL File No.: E29179
Packaging: Embossed tape
Designed In: Millimeters

Electrical

Voltage: 125V
Current: 1.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

Housing: 4/6 nylon, UL 94V-0
Actuator: PPS, UL 94V-0
Contact: Phosphor Bronze
Plating: Gold over Nickel
Operating Temperature: -20 to +85°C

Circuits	Order No.	Carrier Tape Width	Lead-free
6	52610-0672	24.00 (.945)	Yes
8	52610-0872		
10	52610-1072		
12	52610-1272	32.00 (1.260)	
14	52610-1472		
15	52610-1572		

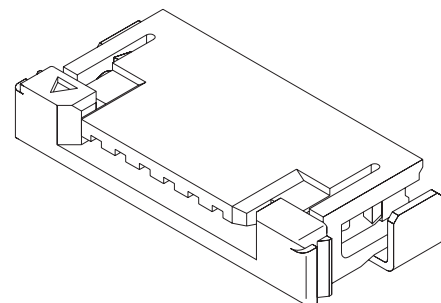
Note: Contact Molex for cable specification dimensions

Circuits	Order No.	Carrier Tape Width	Lead-free
16	52610-1672	44.00 (1.732)	Yes
18	52610-1872		
22	52610-2272		
24	52610-2472		
26	52610-2672		
30	52610-3072	56.00 (2.205)	

1.00mm (.039") Pitch FFC/FPC Connector

52207

Right Angle, SMT, ZIF Top Contact Style



Features and Benefits

- Sizes 3 to 28 circuits
- For 0.30mm thick FFC/FPC
- Metal solder tabs provide PCB hold-down and strain relief for SMT tails

Reference Information

Packaging: Embossed tape
UL File No.: E29179
CSA File No.: LR19980
Designed In: Millimeters

Electrical

Voltage: 125V
Current: 1.0A
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

Housing: 4/6 nylon, UL 94V-0
Actuator: PPS, UL 94V-0
Contact: Phosphor Bronze
Plating: Gold over Nickel
Solder Tabs: Copper Alloy, Tin over Nickel plating
Operating Temperature: -20 to +85°C

Circuits	Order No.	Carrier Tape Width	Lead-free
3	52207-0360	16.00 (.629)	Yes
4	52207-0460	24.00 (.945)	
5	52207-0560		
6	52207-0660		
7	52207-0760		
8	52207-0860		
9	52207-0960		
10	52207-1060		
11	52207-1160	32.00 (1.260)	
12	52207-1260		
13	52207-1360		
14	52207-1460		
15	52207-1560		
16	52207-1660		

Note: Contact Molex for cable specification dimensions

Circuits	Order No.	Carrier Tape Width	Lead-free
17	52207-1760	44.00 (1.732)	Yes
18	52207-1860		
19	52207-1960		
20	52207-2060		
21	52207-2160		
22	52207-2260		
23	52207-2360		
24	52207-2460		
25	52207-2560		
26	52207-2660		
27	52207-2760		
28	52207-2860	56.00 (2.205)	
30	52207-3060		



PRODUCT SPECIFICATION



LANGUAGE

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【4. 性能 PERFORMANCE】

4-1. 電気的性能 Electrical Performance

項 目 Item		条 件 Test Condition	規 格 Requirement
4-1-1	接触抵抗 Contact Resistance	適合FPCを嵌合させ、開放電圧 20mV以下、短絡電流10mAにて測定する。 (JIS C5402 5.4) Mate applicable FPC and measured by dry circuit, 20mV MAX., 10mA. (JIS C5402 5.4)	20 milliohm MAX.
4-1-2	絶縁抵抗 Insulation Resistance	適合FPCを嵌合させ、隣接するターミナル間及びターミナル、アース間に、DC 500V を印加し測定する。 (JIS C5402 5.2/MIL-STD-202 試験法302B) Mate applicable FPC and apply 500V DC between adjacent terminal or ground. (JIS C5402 5.2/MIL-STD-202 Method 302B)	100 Megohm MIN.
4-1-3	耐電圧 Dielectric Strength	適合FPCを嵌合させ、隣接するターミナル間及びターミナル、アース間に、AC500V(実効値) を 1分間 印加する。 (JIS C5402 5.1/MIL-STD-202 試験法 301に準拠) Mate applicable FPC and apply 500V AC (rms) for 1 minute between adjacent terminal or ground. (JIS C5402 5.1/MIL-STD-202 Method 301)	異常なきこと No Breakdown

4 - 2. 機械的性能 Mechanical Performance

項 目 Item		条 件 Test Condition	規 格 Requirement
4-2-1	アクチュエータ 挿抜力 Actuator Insertion / Withdrawal Force	適合FPCを嵌合させ、アクチュエータを毎分25±3mmの速さで挿入、抜去を行う。 Mate applicable FPC and insert and withdraw actuator at the speed rate of 25±3mm/minute.	第7項参照 Refer to paragraph 7
4-2-2	FPC保持力 FPC Retention Force	アクチュエータ挿入状態にて、毎分25±3mmの速さでFPCを引き抜く。 Insert the actuator, pull the FPC at the speed rate of 25±3mm/minute.	第8項参照 Refer to paragraph 8
4-2-3	端子保持力 Terminal / Housing Retention Force	各端子毎の引き抜きは、毎分25±3mmの速さで行う。 Apply axial pull out force at the speed rate of 25±3 mm/minute on the terminal assembled in the housing.	5.9 N {0.6 kgf} MIN.

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4-3. その他 Environmental Performance and Others

項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-1	アクチュエータ 繰返し動作 Repeated Actuator Insertion / Withdrawal	無通電状態にて、1分間に10回以下の速さで 挿入、抜去を 30回繰り返す。 Insert and withdraw actuator up to 30 cycles at the speed rate of less than 10 cycles/minute.	接触抵抗 Contact Resistance	40 milliohm MAX.
4-3-2	温度上昇 Temperature Rise	適合FPCを嵌合させ、最大許容電流を通電し、 コネクタの温度上昇分を測定する。 (UL 498) Carrying rated current load. (UL 498)	温度上昇 Temperature Rise	30 °C MAX.
4-3-3	耐振動性 Vibration	DC 1mA通電状態にて、嵌合軸を含む互いに 垂直な 3方向 に掃引割合 10~55~10 Hz/分 全振幅1.5mm の振動を 各2時間 加える。 (MIL-STD-202 試験法 201) Amplitude: 1.5mm P-P Sweep time: 10~55~10 Hz in 1 minute Duration: 2 hours in each X.Y.Z. axes (MIL-STD-202 Method 201)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.
			瞬 断 Discontinuity	1.0 microsec. MAX.
4-3-4	耐衝撃性 Shock	DC 1mA 通電状態にて、嵌合軸を含む互いに 垂直な 6方向 に 490m/s ² {50G} の衝撃を 各3回 加える。 (JIS C60068-2-27/MIL-STD-202 試験法 213) 490m/s ² {50G}, 3 strokes in each X.Y.Z. axes. (JIS C60068-2-27/MIL-STD-202 Method 213)	外 観 Appearance	異常なきこと No Damage
			瞬 断 Discontinuity	1.0 microsecond MAX.
4-3-5	耐熱性 Heat Resistance	適合FPCを嵌合させ、85±2°C の雰囲気中に 96時間 放置後取り出し、1~2時間 室温に放置 する。 (JIS C60068-2-2/MIL-STD-202 試験法 108A) 85±2°C, 96 hours (JIS C60068-2-2/MIL-STD-202 Method 108A)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.
4-3-6	耐寒性 Cold Resistance	適合 FPC を嵌合させ、-40±2°C の雰囲気中に 96時間 放置後取り出し、1~2時間 室温に放置 する。 (JIS C60068-2-1) -40±2°C, 96 hours (JIS C60068-2-1)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.

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項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-7	耐湿性 Humidity	適合FPCを嵌合させ、 $40 \pm 2^{\circ}\text{C}$ 、相対湿度 90~95% の雰囲気中に 96時間放置後取り出し、30分以内に測定。水滴は拭き取る。 (JIS C60068-2-3/MIL-STD-202 試験法 103) Temperature: $40 \pm 2^{\circ}\text{C}$ Relative Humidity: 90~95% Duration: 96 hours (JIS C60068-2-3/MIL-STD-202 Method 103)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.
			耐電圧 Dielectric Strength	4-1-3項満足のこと Must meet 4-1-3
			絶縁抵抗 Insulation Resistance	50 Megohm MIN.
4-3-8	温度サイクル Temperature Cycling	適合 FPC を嵌合させ、 $-55 \pm 3^{\circ}\text{C}$ に 30分、 $+85 \pm 2^{\circ}\text{C}$ に 30分 これを1サイクルとし、5サイクル 繰り返す。但し、温度移行時間は5分以内とする。試験後 1~2時間 室温に放置する。(JIS C0025) 5 cycles of: a) $-55 \pm 3^{\circ}\text{C}$ 30 minutes b) $+85 \pm 2^{\circ}\text{C}$ 30 minutes Transit time shall be within 5 minutes. (JIS C0025)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.
4-3-9	塩水噴霧 Salt Spray	適合FPCを嵌合させ、 $35^{\circ}\text{C} \pm 2^{\circ}\text{C}$ にて $5 \pm 1\%$ 重量比の塩水を 48 ± 4 時間 噴霧し、試験後常温で水洗いした後、室温で乾燥させる。 (JIS C60068-2-11/MIL-STD-202 試験法101D) 48 ± 4 hours exposure to a salt spray from the $5 \pm 1\%$ solution at $35 \pm 2^{\circ}\text{C}$. (JIS C60068-2-11/MIL-STD-202 Method 101D)	外 観 Appearance	割れ、著しい腐食等 異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.
4-3-10	亜硫酸ガス SO_2 Gas	適合FPCを嵌合させ、 $40 \pm 2^{\circ}\text{C}$ にて $50 \pm 5\text{ppm}$ の亜硫酸ガス中に 24時間 放置する。 24 hours exposure to $50 \pm 5\text{ppm}$ SO_2 gas at $40 \pm 2^{\circ}\text{C}$.	接触抵抗 Contact Resistance	40 milliohm MAX.
4-3-11	耐アンモニア性 NH_3 Gas	適合FPCを嵌合させ、濃度 28% のアンモニア水を入れた容器中に 40分間放置する。 (1L に対して 25mLの割合) 40 minutes exposure to NH_3 gas evaporating from 28% Ammonia solution.	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	40 milliohm MAX.

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項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-12	半田付け性 Solderability	端子先端より1.5mm、金具側面より ^① の位置まで、 245±3°C の半田に 3±0.5秒 浸す。 Soldering Time: 3±0.5秒 Solder Temperature: 245±3°C 1.5mm from terminal tip, 1mm from the side of the fitting nail.	濡れ性 Solder Wetting	浸漬面積の 75%以上 75% of immersed area must show no voids, Pinholes
4-3-13	半田耐熱性 Resistance to Soldering Heat	(リフロー時) 第6項参照 リフロー回数: 2回 (When reflowing) See paragraph 6 Reflowing: 2 times. (手半田時) 端子先端より1.5mm、金具側面下部 ^② より 1mm の位置まで、 370~400°C の半田ゴテにて 最大5秒 加熱する。 Soldering Time: 5 sec MAX. Solder Temperature: 370~400°C 1.5 mm from terminal tip, 1 mm from the bottom side of the fitting nail.	外観 Appearance	端子ガタ、割れ等 異常なきこと No Damage

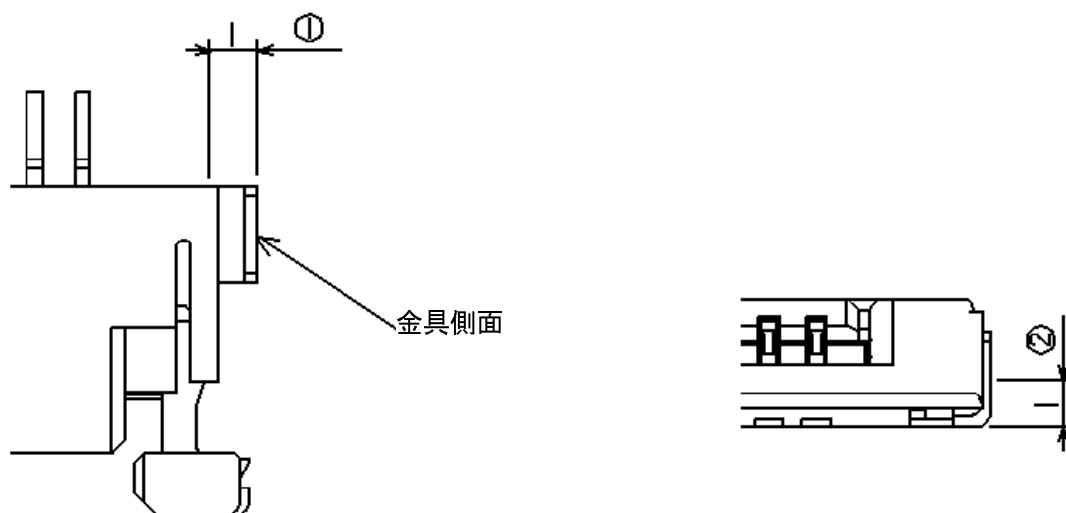
(): 参考規格 Reference Standard
{ }: 参考単位 Reference Unit

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【5. 外観形状、寸法及び材質 PRODUCT SHAPE, DIMENSIONS AND MATERIALS】

図面参照 Refer to the drawing.



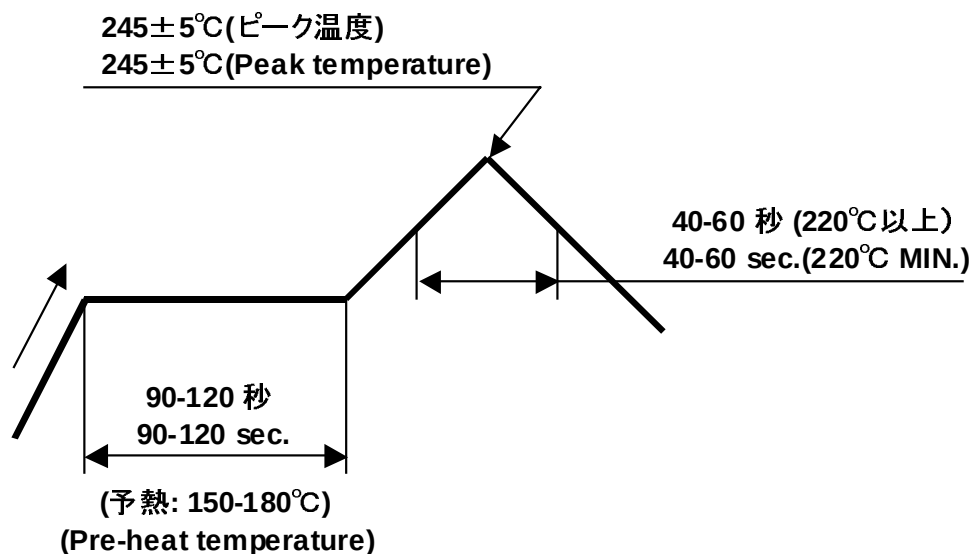
半田付け性、半田耐熱性

金具位置

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【6. 赤外線リフロー条件 INFRARED REFLOW CONDITION 】



温度条件グラフ
(温度は基板パターン面)

Temperature Condition Graph
(Temperature On The Surface of P.C. Board Pattern)

注記：本リフロー条件に関しては、リフロー装置及び基板などにより条件が異なりますので、事前にリフロー評価をお願い致します。

NOTE : Please check the reflow soldering condition by your own devices beforehand.
Because the condition changes by the soldering devices, p.c board, and so on.

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【7. アクチュエータ挿抜力 Actuator Insertion / Withdrawal Force】

極数 No. of CKT	単位 Unit	挿入力(最大値) Insertion Force (MAX.)			抜去力(最大値) Withdrawal Force (MAX.)		
		初回 1st	6回目 6th	30回目 30th	初回 1st	6回目 6th	30回目 30th
3	N {kgf}	27.4 {2.8}	25.4 {2.6}	25.4 {2.6}	36.2 {3.7}	32.3 {3.3}	32.3 {3.3}
4	N {kgf}	28.4 {2.9}	26.4 {2.7}	26.4 {2.7}	37.2 {3.8}	33.3 {3.4}	33.3 {3.4}
5	N {kgf}	29.4 {3.0}	27.4 {2.8}	27.4 {2.8}	38.2 {3.9}	34.3 {3.5}	34.3 {3.5}
6	N {kgf}	30.3 {3.1}	28.4 {2.9}	28.4 {2.9}	39.2 {4.0}	35.2 {3.6}	35.2 {3.6}
7	N {kgf}	31.3 {3.2}	29.4 {3.0}	29.4 {3.0}	40.1 {4.1}	36.2 {3.7}	36.2 {3.7}
8	N {kgf}	32.3 {3.3}	30.3 {3.1}	30.3 {3.1}	41.1 {4.2}	37.2 {3.8}	37.2 {3.8}
9	N {kgf}	33.3 {3.4}	31.3 {3.2}	31.3 {3.2}	42.1 {4.3}	38.2 {3.9}	38.2 {3.9}
10	N {kgf}	34.3 {3.5}	32.3 {3.3}	32.3 {3.3}	43.1 {4.4}	39.2 {4.0}	39.2 {4.0}
11	N {kgf}	35.2 {3.6}	33.3 {3.4}	33.3 {3.4}	44.1 {4.5}	40.1 {4.1}	40.1 {4.1}
12	N {kgf}	36.2 {3.7}	34.3 {3.5}	34.3 {3.5}	45.0 {4.6}	41.1 {4.2}	41.1 {4.2}
13	N {kgf}	37.2 {3.8}	35.2 {3.6}	35.2 {3.6}	46.0 {4.7}	42.1 {4.3}	42.1 {4.3}
14	N {kgf}	38.2 {3.9}	36.2 {3.7}	36.2 {3.7}	47.0 {4.8}	43.1 {4.4}	43.1 {4.4}
15	N {kgf}	39.2 {4.0}	37.2 {3.8}	37.2 {3.8}	48.0 {4.9}	44.1 {4.5}	44.1 {4.5}
16	N {kgf}	40.1 {4.1}	38.2 {3.9}	38.2 {3.9}	49.0 {5.0}	45.0 {4.6}	45.0 {4.6}
17	N {kgf}	41.1 {4.2}	39.2 {4.0}	39.2 {4.0}	49.9 {5.1}	46.0 {4.7}	46.0 {4.7}
18	N {kgf}	42.1 {4.3}	40.1 {4.1}	40.1 {4.1}	50.9 {5.2}	47.0 {4.8}	47.0 {4.8}

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極数 No. of CKT	単位 Unit	挿入力(最大値) Insertion Force (MAX.)			抜去力(最大値) Withdrawal Force (MAX.)		
		初回 1st	6回目 6th	30回目 30th	初回 1st	6回目 6th	30回目 30th
19	N {kgf}	43.1 {4.4}	41.1 {4.2}	41.1 {4.2}	51.9 {5.3}	48.0 {4.9}	48.0 {4.9}
20	N {kgf}	44.1 {4.5}	42.1 {4.3}	42.1 {4.3}	52.9 {5.4}	49.0 {5.0}	49.0 {5.0}
21	N {kgf}	45.0 {4.6}	43.1 {4.4}	43.1 {4.4}	53.9 {5.5}	49.9 {5.1}	49.9 {5.1}
22	N {kgf}	46.0 {4.7}	44.1 {4.5}	44.1 {4.5}	54.8 {5.6}	50.9 {5.2}	50.9 {5.2}
23	N {kgf}	47.0 {4.8}	45.0 {4.6}	45.0 {4.6}	55.8 {5.7}	51.9 {5.3}	51.9 {5.3}
24	N {kgf}	48.0 {4.9}	46.0 {4.7}	46.0 {4.7}	56.8 {5.8}	52.9 {5.4}	52.9 {5.4}
25	N {kgf}	49.0 {5.0}	47.0 {4.8}	47.0 {4.8}	57.8 {5.9}	53.9 {5.5}	53.9 {5.5}
26	N {kgf}	49.9 {5.1}	48.0 {4.9}	48.0 {4.9}	58.8 {6.0}	54.8 {5.6}	54.8 {5.6}
27	N {kgf}	50.9 {5.2}	49.0 {5.0}	49.0 {5.0}	59.7 {6.1}	55.8 {5.7}	55.8 {5.7}
28	N {kgf}	51.9 {5.3}	49.9 {5.1}	49.9 {5.1}	60.7 {6.2}	56.8 {5.8}	56.8 {5.8}
29	N {kgf}	52.9 {5.4}	50.9 {5.2}	50.9 {5.2}	61.7 {6.3}	57.8 {5.9}	57.8 {5.9}
30	N {kgf}	53.9 {5.5}	51.9 {5.3}	51.9 {5.3}	62.7 {6.4}	58.8 {6.0}	58.8 {6.0}
34	N {kgf}	57.8 {5.9}	55.8 {5.7}	55.8 {5.7}	66.6 {6.8}	62.7 {6.4}	62.7 {6.4}

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DOCUMENT NUMBER PS-52207-047			FILE NAME PS52207047.doc		SHEET 9 OF 11
EN-37-1(019)					



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

【8. FPC保持力 FPC Retention Force】

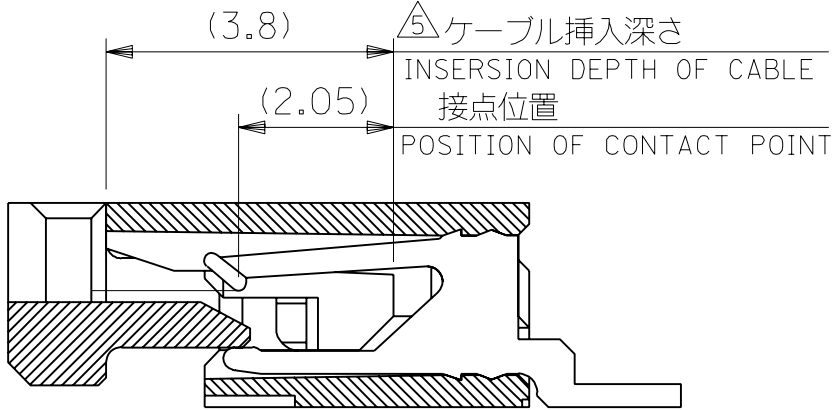
極数 No. of CKT	単位 Unit	保持力(最小値) Retention Force (MIN.)		極数 No. of CKT	単位 Unit	保持力(最小値) Retention Force (MIN.)	
		初回 1st	10回目 10th			初回 1st	10回目 10th
3	N {kgf}	2.0 {0.20}	1.5 {0.15}	17	N {kgf}	8.9 {0.90}	8.4 {0.85}
4	N {kgf}	2.5 {0.25}	2.0 {0.20}	18	N {kgf}	9.4 {0.95}	8.9 {0.90}
5	N {kgf}	3.0 {0.30}	2.5 {0.25}	19	N {kgf}	9.8 {1.00}	9.4 {0.95}
6	N {kgf}	3.5 {0.35}	3.0 {0.30}	20	N {kgf}	10.3 {1.05}	9.8 {1.00}
7	N {kgf}	4.0 {0.40}	3.5 {0.35}	21	N {kgf}	10.8 {1.10}	10.3 {1.05}
8	N {kgf}	4.5 {0.45}	4.0 {0.40}	22	N {kgf}	11.3 {1.15}	10.8 {1.10}
9	N {kgf}	4.9 {0.50}	4.5 {0.45}	23	N {kgf}	11.8 {1.20}	11.3 {1.15}
10	N {kgf}	5.4 {0.55}	4.9 {0.50}	24	N {kgf}	12.3 {1.25}	11.8 {1.20}
11	N {kgf}	5.9 {0.60}	5.4 {0.55}	25	N {kgf}	12.8 {1.30}	12.3 {1.25}
12	N {kgf}	6.4 {0.65}	5.9 {0.60}	26	N {kgf}	13.3 {1.35}	12.8 {1.30}
13	N {kgf}	6.9 {0.70}	6.4 {0.65}	27	N {kgf}	13.8 {1.40}	13.3 {1.35}
14	N {kgf}	7.4 {0.75}	6.9 {0.70}	28	N {kgf}	14.3 {1.45}	13.8 {1.40}
15	N {kgf}	7.9 {0.80}	7.4 {0.75}	29	N {kgf}	14.7 {1.50}	14.3 {1.45}
16	N {kgf}	8.4 {0.85}	7.9 {0.80}	30	N {kgf}	15.2 {1.55}	14.7 {1.50}
				34	N {kgf}	17.2 {1.75}	16.7 {1.70}

C	REVISE ON PC ONLY		TITLE: 1.0mm PITCH FPC CONN. ZIF SMT R/A UPPER CONTACT -LEAD FREE-製品仕様書				
	SEE SHEET 1 OF 11						
	REV.		DESCRIPTION		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	DOCUMENT NUMBER PS-52207-047				FILE NAME PS52207047.doc		SHEET 10 OF 11
EN-37-1(019)							

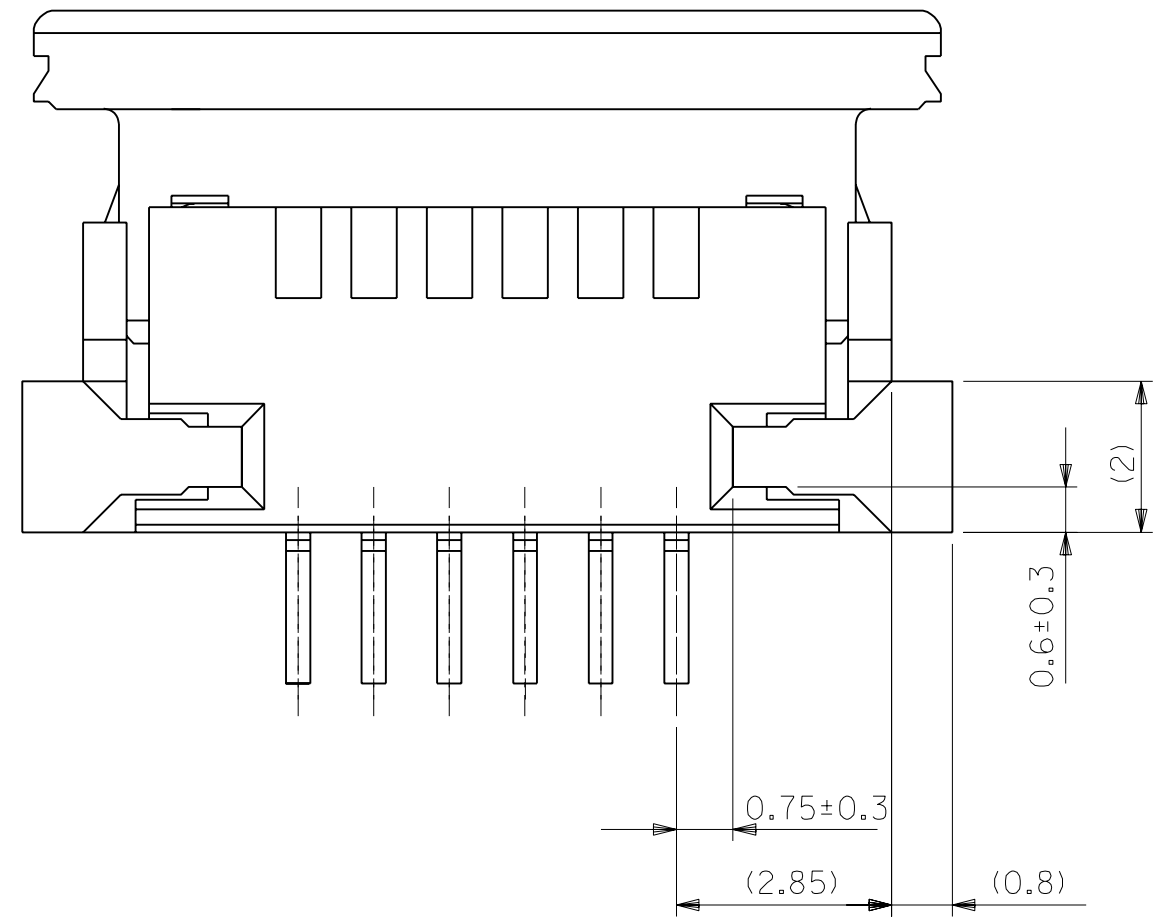
[illegible]

	REVISE ON PC ONLY		TITLE: 1.0mm PITCH FPC CONN. ZIF SMT R/A UPPER CONTACT -LEAD FREE-		製品仕様書
	C	SEE SHEET 1 OF 11			
	REV.	DESCRIPTION		THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
DOCUMENT NUMBER PS-52207-047				FILE NAME PS52207047.doc	SHEET 11 OF 11

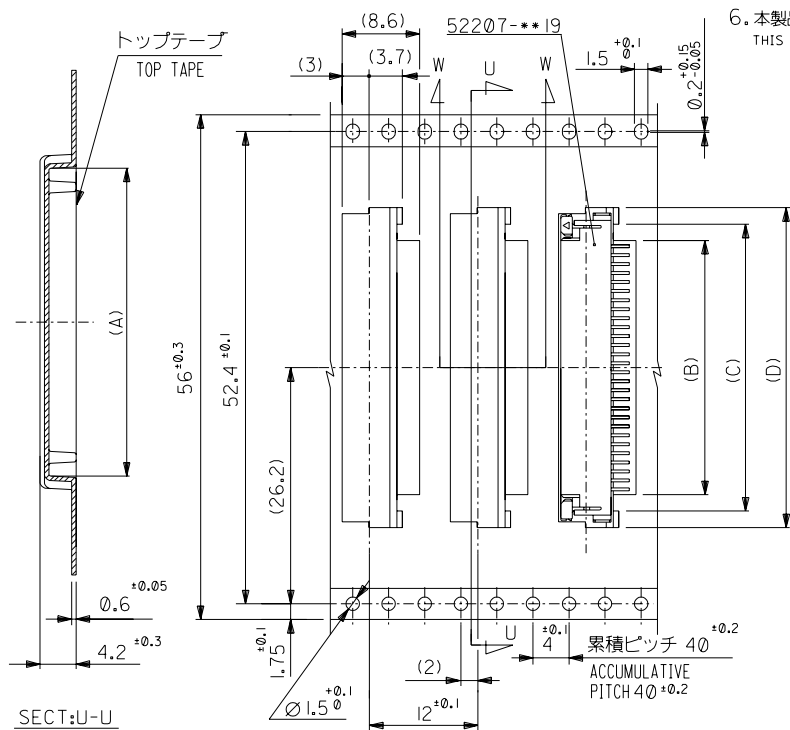
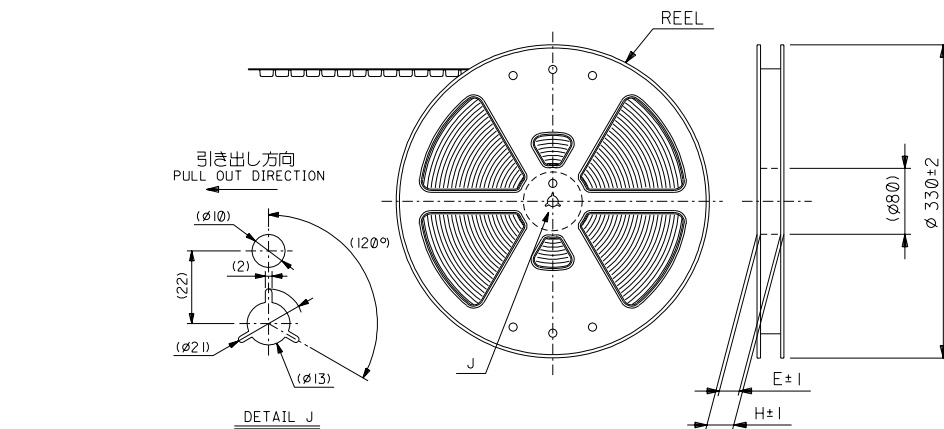
DWG. NO. SD-52207-060		F		8		7		6		5		4		3		2		1		F							
		E																		E							
		D																		D							
		C																		C							
		B																		B							
DO NOT SCALE DRAWING																				SD-52207-060.40							
EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		EC NO. DRWN: CH'K: APPR:		REVISED EC NO. J2004-3551 DRWN: H. KAWABATA '04/04/05 CH'K: K. TOJO '04/04/05 APPR: H. Sasao '04/04/05		RELEASED EC NO. J2004-2323 DRWN: M. NINOMIYA '04/02/06 CH'K: K. TOJO '04/02/06 APPR: H. Sasao '04/02/06		DESCRIPTION REV		MATERIAL 材料		GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差		SCALE —//—		DESIGN UNITS ☒ mm ☐ INCH		52207-***19 MODEL NO.		DIMENSIONS: ☐ mm ☐ INCH ☒ mm ONLY		SHT REV			
						A		O				注記参照 SEE NOTES		10 UNDER 未満		±0.2		DRAWN BY & DATE M. NINOMIYA '04/02/06		TITLE: 1.0mm Pitch FPC Conn ZIF SMT -LEAD FREE-		REVISE ON CAD ONLY					
												FINISH 仕上げ		10 OVER 以上		30 UNDER 未満		±0.25		CHECKED BY & DATE K. TOJO '04/02/06							
												WIRE RANGE 適用電線範囲		30 OVER 以上				±0.3		APPROVED BY & DATE H. Sasao '04/02/06		MOLEX INCORPORATED					
												ANGLE 角度						±3°		CAD FILENAME SD-52207-060.S02		MATERIAL NO. SEE CHART		DRAWING NO. SD-52207-060		SHEET NO. 2 OF 2	
																				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.		SIZE B					
																						EN-02J(097) MXJ-54					



断面D-D
SECT. D-D



下面図
BOTTOM VIEW



56mm 幅キャリアテープ
56mm WIDTH CARRIER TAPE

6. 本製品は 52207-***90 の鉛フリー品である。
THIS PRODUCT IS LEAD FREE OF 52207-***90.

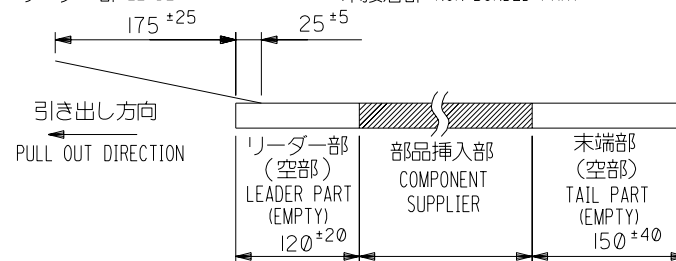
注記

1. 製品番号 52207-***19 の梱包状態はアクチュエータがロックした状態とする。
詳細寸法については図面 SD-52207-060 を参照下さい。
IN THE PACKAGE, ACTUATOR OF PART NO. 52207-***19 SHOULD BE LOCKED
RE DETAILED DIMENSIONS, SEE SD-52207-060

2. 梱包数量: 1000個/リール
NUMBER OF CONNECTORS: 1000PCS/REEL

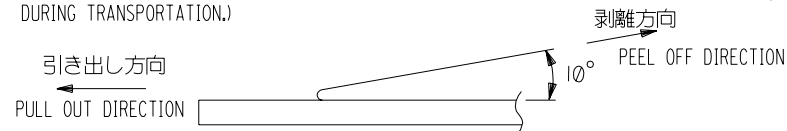
3. リードテープ長さ(LEAD TAPE LENGTH)

トップテープ TOP TAPE リーダー部 LEADER PART 未接着部 NON-BONDED PART



4. トップテープの剥離強度: (剥離方向は下図参照)
0.1N ~ 1.3N(10gf ~ 130gf)MAX. 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事。)

PEELING OFF FORCE OF TOP TAPE: 0.1N ~ 1.3N(10gf ~ 130gf)MAX.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT. (PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.)



5. 材料 (MATERIAL)

キャリアテープ (CARRIER TAPE): ポリプロピレン (POLYPROPYLENE)
トップテープ (TOP TAPE): PET, PE, PEF
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>

56	61.4	57.4	41.5	38	34.7	40.35	52207-3485	34
			37.5	34	30.7	36.35	52207-3085	30
			36.5	33	29.7	35.35	52207-2985	29
			35.5	32	28.7	34.35	52207-2885	28
キャリアテープ幅 CARRIER TAPE WIDTH	H	E	(D)	(C)	(B)	(A)	MATERIAL NO.	極数 CKT.

						材料 MATERIAL		注記参照 SEE NOTES		molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
52207-**85											
MODEL NO.										REVISE ONLY ON CAD SYSTEM	
角度 ANGLE		±3°								TITLE 名称	
30°以上 OVER		±0.5								1.0 FPC Conn ZIF SMT	
10°以上 OVER		±0.25		A		変更 REVISED		(J2004-2720)		Embstp Pkg	
30°未満 UNDER											
10°未満 UNDER		±0.2		O		新規作成 RELEASED		(J2004-2323)		-LEAD FREE-	
一般公差 GENERAL TOLERANCES		記号 LTR		変更内容 REVISION RECORD		DR. CHK.		日付 DATE		DWG. NO.	
										SD-52207-061	
										(SHEET 3 OF 3)	
										REV A	