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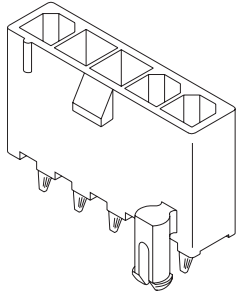
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Jameco Part Number 1969041

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566

Vertical, Single Row With Pegs



Features and Benefits

- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage
- Peg-mounted vertical headers for increased board retention
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information

Packaging: Tube or bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 single row receptacle
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical

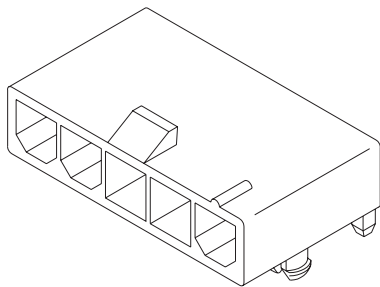
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass or Phosphor Bronze
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
3	39-30-5039	39-30-6030	39-30-2037	39-30-2038	Yes
4	39-30-5049	50-30-4466	39-30-2047	39-30-2048	
5		50-30-4467		39-30-2058	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569

Right Angle, Single Row With Pegs



Features and Benefits

- Pegs provide increased board retention
- Ideal for low profile power applications
- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray or bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 5557 single row receptacle
TUV License No.: R75142
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

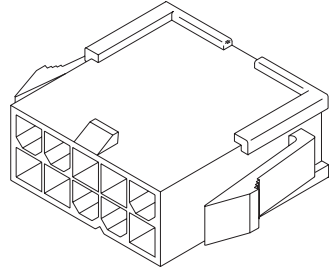
Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated		
	94V-2	94V-0	94V-2	94V-0	
3	39-30-7031	39-30-7032	39-30-4031	39-30-4032	Yes
4	39-30-7041	39-30-7042	50-30-4438	50-30-4441	
5	39-30-7051	39-30-7052	50-30-4439	50-30-4442	

4.20mm (.165") Pitch Mini-Fit Jr.™ Plug

5559
Dual Row
With and without Panel Mount Ears


Features and Benefits

- Wire-to-wire plug for panel-mounted or free-hanging applications
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacle
Use With: 5558, 30490, 46134 or 46012 terminals
Panel Thickness: .079 to 2.00mm (.031 to 0.80")
Designed In: Millimeters

Mechanical

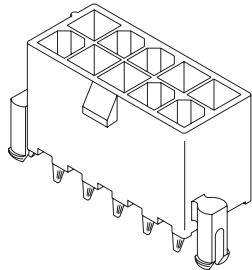
Contact Insertion Force: 1.5kg max.
Contact Retention to Housing: 3.0kg min.

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Operating Temperature: -40 to +105°C

Circuits	Order No.			
	Panel Mount		Free Hanging	
	94V-2	94V-0	94V-2	94V-0
2	39-01-2021	39-01-2026	39-01-3023	39-01-3029
4	39-01-2041	39-01-2046	39-01-3043	39-01-3049
6	39-01-2061	39-01-2066	39-01-3063	39-01-3069
8	39-01-2081	39-01-2086	39-01-3083	39-01-3089
10	39-01-2101	39-01-2106	39-01-3103	39-01-3109
12	39-01-2121	39-01-2126	39-01-3123	39-01-3129
14	39-01-2141	39-01-2146	39-01-3143	39-01-3149
16	39-01-2161	39-01-2166	39-01-3163	39-01-3169
18	39-01-2181		39-01-3183	
20	39-01-2201			
22	39-01-2221			
24	39-01-2241	39-01-2246		

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566
Vertical, Dual Row
With Pegs, with Drain Holes


Features and Benefits

- Board-mounting pegs provide polarization during placement on the PCB and increased retention during soldering process
- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information

Packaging: Tray or tube
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical

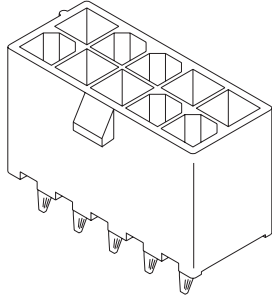
Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Gold Plated (30μ")		
	94V-2	94V-0	94V-2	94V-0	
2	39-30-6027	39-30-6028	39-29-9024	39-28-9028	Yes
4	39-30-6047	39-30-6048	39-29-9044	39-28-9048	
6	39-30-6067	39-30-6068	39-29-9064	39-28-9068	
8	39-30-6087	39-30-6088	39-29-9084	39-28-9088	
10	39-30-6107	39-30-6108	39-29-9104	39-28-9108	
12	39-30-6127	39-30-6128	39-29-9124	39-28-9128	
14	39-30-6147	39-30-6148	39-29-9144	39-28-9148	
16	39-30-6167	39-30-6168	39-29-9164	39-28-9168	
18	39-30-6187	39-30-6188	39-29-9184	39-28-9188	
20	39-30-6207	39-30-6208	39-29-9204	39-28-9208	
22	39-30-6227	39-30-6228	39-29-9224		
24	39-30-6247	39-30-6248	39-29-9244	39-28-9248	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566

Vertical, Dual Row
Without Pegs, without Drain Holes



Features and Benefits

- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain hole option available, contact Molex

Reference Information

Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass or Phosphor Bronze
Plating: Tin
Underplating: Copper
Operating Temperature: -40 to +105°C

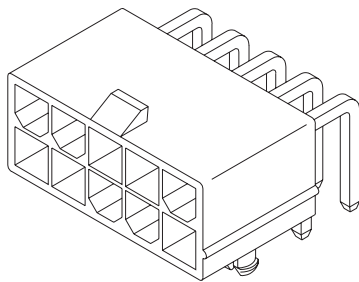
Circuits	Order No.		Lead-free
	94V-2	94V-0	
2	39-28-1023	39-28-8020	Yes
4	39-28-1043	39-28-8040	
6	39-28-1063	39-28-8060	
8	39-28-1083	39-28-8080	
10	39-28-1103	39-28-8100	
12	39-28-1123	39-28-8120	

Circuits	Order No.		Lead-free
	94V-2	94V-0	
14	39-28-1143	39-28-8140	Yes
16	39-28-1163	39-28-8160	
18	39-28-1183	39-28-8180	
20	39-28-1203	39-28-8200	
22	39-28-1223	39-28-8220	
24	39-28-1243	39-28-8240	

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569

Right Angle, Dual Row with Pegs



Features and Benefits

- Board mounting pegs provide polarization during placement on PCB and increased board retention during solder processing
- Low profile for space constraints
- Positive housing locks
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave Solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

Series	Circuits			
	2-3	4-6	7-10	12-24
46083	9.0A	8.0A	7.0A	6.0A
45750	12.0A	12.0A	12.0A	11.0A

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin or Select Gold
Underplating: Nickel
Operating Temperature: -40 to +105°C

Circuits	Order No.				Lead-free
	Tin Plated		Select Gold Plated (30µ")		
	94V-2	94V-0	94V-2	94V-0	
2	39-30-7025	39-30-7026	39-30-0023	39-30-0024	Yes
4	39-30-7045	39-30-7046	39-30-0043	39-30-0044	
6	39-30-7065	39-30-7066	39-30-0063	39-30-0064	
8	39-30-7085	39-30-7086	39-30-0083	39-30-0084	
10	39-30-7105	39-30-7106	39-30-0103	39-30-0104	
12	39-30-7125	39-30-7126	39-30-0123	39-30-0124	
14	39-30-7145	39-30-7146	39-30-0143	39-30-0144	
16	39-30-7165	39-30-7166	39-30-0163	39-30-0164	
18	39-30-7185		39-30-0183		
20	39-30-7205	39-30-7206	39-30-0203	39-30-0204	
22	39-30-7225				
24	39-30-7245	39-30-7246	39-30-0243	39-30-0244	



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
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【 3. 定格及び適用電線 RATINGS AND APPLICABLE WIRES 】

項 目 Item	規 格 Standard				
最大許容電圧 Rated Voltage (MAX.)	6 0 0 V				
最大許容電流 及び適用電線 Rated Current (MAX.) and Applicable wires	極数	2	4,6	8,10	12-24
	AWG#18	9 A	8 A	7 A	6 A
	AWG#20	7 A	6 A	5 A	5 A
	AWG#22	5 A	4 A	4 A	4 A
	AWG#24	4 A	3 A	3 A	3 A
	AWG#26	3 A	2 A	2 A	2 A
	AWG#28	2 A	1 A	1 A	1 A
使用温度範囲 Ambient Temperature Range	- 4 0 ° C ~ + 1 0 5 ° C *1				

*1: 通電による温度上昇分も含む。

Including terminal temperature rise.

【 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	コネクタを嵌合させ、開放電圧 20mV 以下、短絡電流 10mA にて測定する。 (JIS C5402 5.4) Mate connectors, measure by dry circuit, 20mV MAX. , 10mA. (JIS C5402 5.4)	10 milliohm MAX.
4-1-2 絶縁抵抗 Insulation Resistance	コネクタを嵌合させ、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 302) Mate connectors, apply 500V DC between adjacent terminal or ground. (JIS C5402 5.2/MIL-STD-202 Method 302)	1000 Megohm MIN.

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項 目 Item		条 件 Test Condition	規 格 Requirement
4-1-3	耐電圧 Dielectric Strength	コネクタを嵌合させ、隣接するターミナル間及びターミナル、アース間に、AC 1500V (実効値)を1分間 印加する。 (JIS C5402 5.1/MIL-STD-202 試験法 301) Mate connectors, apply 1500V AC(rms) for 1 minute between adjacent terminal or ground. (JIS C5402 5.1/MIL-STD-202 Method 301)	異状なきこと No Breakdown
4-1-4	圧着部接触抵抗 Contact Resistance on Crimped Portion	ターミナルに適合電線を圧着し、開放電圧 20mV 以下、短絡電流 10mA にて測定する。 Crimp the applicable wire on to the terminal, measure by dry circuit, 20mV MAX., 10mA.	5 milliohm MAX.

4-2. 機械的性能 Mechanical Performance

項 目 Item		条 件 Test Condition	規 格 Requirement	
4-2-1	挿入力及び抜去力 Insertion / Withdrawal Force	毎分 25±3mm の速さで挿入、抜去を行う。 Insert and withdraw connectors at the speed rate of 25±3mm/minute.	第6項参照 Refer to paragraph 6	
4-2-2	圧着部引張り強度 Crimping Pull Out Force	圧着されたターミナルを治具に固定し、電線を軸方向に 毎分 25±3mm の速さで引張る。 (JIS C5402 6.8) Fix the crimped terminal, apply axial pull out force on the wire at the speed rate of 25±3mm/minute. (JIS C5402 6.8)	AWG.#18	88.3 N {9.0kgf} MIN.
			AWG.#20	58.9 N {6.0kgf} MIN.
			AWG.#22	39.3 N {4.0kgf} MIN.
			AWG.#24	29.5 N {3.0kgf} MIN.
			AWG.#26	19.7 N {2.0kgf} MIN.
			AWG.#28	9.9 N {1.0kgf} MIN.
4-2-3	ターミナル挿入力 Terminal Insertion Force	圧着されたターミナルをハウジングに挿入する。 Insert the crimped terminal into the housing.	14.7 N { 1.5 kgf } MAX.	

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項 目 Item		条 件 Test Condition	規 格 Requirement
4-2-4	ターミナル保持力 Terminal / Housing Retention Force	圧着されたターミナルをハウジングに装着し、電線を軸方向に 毎分 25±3mm の速さで引張る。 Apply axial pull out force at the speed rate of 25±3 mm/minute on the terminal assembled in the housing.	29.5 N { 3.0 kgf } MIN.
4-2-5	ピン保持力 Pin Retention Force	毎分 25±3mm の速さでピンを軸方向に押す。 Apply axial push force at the speed rate of 25±3 mm/minute.	9.9 N { 1.0 kgf } MIN.

4-3. そ の 他 Environmental Performance and Others

項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-1	繰り返し挿抜 Repeated Insertion / Withdrawal	1分間 10回以下 の速さで挿入、抜去を 30回繰り返す。 When mated up to 30 cycles repeatedly by the rate of 10 cycles/minute.	接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-2	温度上昇 Temperature Rise	コネクタを嵌合させ、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 10~55~10Hz/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: 1.5 mm 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	20 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 C0041/MIL-STD-202 試験法 213) 490m/s ² { 50G }, 3 strokes in each X.Y.Z. axes. (JIS C0041/MIL-STD-202 Method 213)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			瞬 断 Discontinuity	1.0 microsec. MAX.

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項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-5	耐熱性 Heat Resistance	コネクタを嵌合させ、105±2℃ 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 C0021/MIL-STD-202 試験法 108) 105±2℃, 96 hours (JIS C0021/MIL-STD-202 Method 108)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-6	耐寒性 Cold Resistance	コネクタを嵌合させ、-40±3℃ 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 C0020) -40±3℃, 96 hours (JIS C0020)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-7	耐湿性 Humidity	コネクタを嵌合させ、60±2℃、相対湿度 90～95% 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 C0022/MIL-STD-202 試験法103) Temperature : 60±2℃ Relative Humidity : 90 to 95% Duration : 96 hours (JIS C0022/MIL-STD-202 Method 103)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
			耐 電 圧 Dielectric Strength	4-1-3項 満足こと Must meet 4-1-3
			絶縁抵抗 Insulation Resistance	100 Megohm MIN.
4-3-8	温度サイクル Temperature Cycling	コネクタを嵌合させ、-55℃ に 30分、+105℃ 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℃ 30 minutes b) +105℃ 30 minutes (JIS C0025)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.

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ENGLISH

項 目 Item		条 件 Test Condition	規 格 Requirement	
4-3-9	塩水噴霧 Salt Spray	コネクタを嵌合させ、 $35\pm 2^{\circ}\text{C}$ にて、重量比 $5\pm 1\%$ 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 C0023/MIL-STD-202 試験法 101) 48 ± 4 hours exposure to a salt spray from the $5\pm 1\%$ solution at $35\pm 2^{\circ}\text{C}$. (JIS C0023/MIL-STD-202 Method 101)	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-10	亜硫酸ガス SO_2 Gas	コネクタを嵌合させ、 $40\pm 2^{\circ}\text{C}$ にて 50 ± 5 ppm の亜硫酸ガス中に 24時間 放置する。 24 hours exposure to 50 ± 5 ppm. SO_2 gas at $40\pm 2^{\circ}\text{C}$.	外 観 Appearance	異常なきこと No Damage
			接触抵抗 Contact Resistance	20 milliohm MAX.
4-3-11	半田付け性 Solder Ability	ターミナルまたはピンをフラックスに浸し、本体の取付け基準面より 1.2mm 迄、 $245\pm 3^{\circ}\text{C}$ の半田に 3 ± 0.5 秒 浸す。 Solder Time : 3 ± 0.5 seconds. Solder Temperature : $245\pm 3^{\circ}\text{C}$	濡 れ 性 Solder Wetting	浸漬面積の75%以上 75% of immersed area must show no voids, pin holes.
4-3-12	半田耐熱性 Resistance to Soldering Heat	ターミナルまたはピンを本体の取付け基準面より 1.2mm 迄、 $260\pm 5^{\circ}\text{C}$ の半田に 最大5秒 浸す。 Solder Time : 5 5sec. MAX . Solder Temperature : $260\pm 5^{\circ}\text{C}$	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

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

図面参照 Refer to the drawing.

	REVISE ON PC ONLY		TITLE: NEW MINI FIT CONN. -LEAD FREE-製品仕様書		
	A	SEE SHEET 1 OF 8			
			THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
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EN-37-1(019)



PRODUCT SPECIFICATION



LANGUAGE

JAPANESE
ENGLISH

【 6. 挿入力及び抜去力 INSERTION / WITHDRAWAL FORCE 】

極数 No. of CKT.	単位 Unit	挿入力（最大値） Insertion Force (MAX.)			抜去力（最小値） Withdrawal Force (MIN.)		
		初回 1st	6回目 6th	30回目 30th	初回 1st	6回目 6th	30回目 30th
2	N {kgf}	8.8 {0.9}	7.8 {0.8}	7.8 {0.8}	0.7 {0.07}	0.7 {0.07}	0.7 {0.07}
4	N {kgf}	17.6 {1.8}	15.6 {1.6}	15.6 {1.6}	1.4 {0.14}	1.4 {0.14}	1.4 {0.14}
6	N {kgf}	26.4 {2.7}	23.5 {2.4}	23.5 {2.4}	2.1 {0.21}	2.1 {0.21}	2.1 {0.21}
8	N {kgf}	35.3 {3.6}	31.3 {3.2}	31.3 {3.2}	2.8 {0.28}	2.8 {0.28}	2.8 {0.28}
10	N {kgf}	44.1 {4.5}	39.2 {4.0}	39.2 {4.0}	3.5 {0.35}	3.5 {0.35}	3.5 {0.35}
12	N {kgf}	52.9 {5.4}	47.0 {4.8}	47.0 {4.8}	4.2 {0.42}	4.2 {0.42}	4.2 {0.42}
14	N {kgf}	61.8 {6.3}	54.9 {5.6}	54.9 {5.6}	4.8 {0.49}	4.8 {0.49}	4.8 {0.49}
16	N {kgf}	70.6 {7.2}	62.7 {6.4}	62.7 {6.4}	5.5 {0.56}	5.5 {0.56}	5.5 {0.56}
18	N {kgf}	79.4 {8.1}	70.6 {7.2}	70.6 {7.2}	6.2 {0.63}	6.2 {0.63}	6.2 {0.63}
20	N {kgf}	88.2 {9.0}	78.4 {8.0}	78.4 {8.0}	6.9 {0.70}	6.9 {0.70}	6.9 {0.70}
22	N {kgf}	97.1 {9.9}	86.3 {8.8}	86.3 {8.8}	7.6 {0.77}	7.6 {0.77}	7.6 {0.77}
24	N {kgf}	105.9 {10.8}	94.1 {9.6}	94.1 {9.6}	8.3 {0.84}	8.3 {0.84}	8.3 {0.84}

	REVISE ON PC ONLY		TITLE: NEW MINI FIT CONN. -LEAD FREE-製品仕様書		
	A	SEE SHEET 1 OF 8			
			THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	REV.	DESCRIPTION			
DOCUMENT NUMBER PS-5557-043				FILE NAME PS5557043.doc	SHEET 7 OF 8
EN-37-1(019					

EN-37-1(019)



PRODUCT SPECIFICATION



LANGUAGE

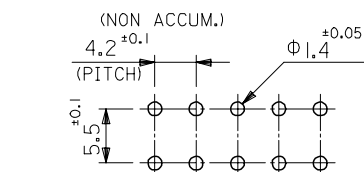
JAPANESE
ENGLISH

REV.	REV. RECORD	DATE	EC NO.	WRITTEN BY :	CHECKED BY :
A	RELEASED	'04/06/17	J2004-4752	J.SASAMORI	K.TOJO

	REVISE ON PC ONLY		TITLE: NEW MINI FIT CONN. -LEAD FREE- 製品仕様書
	A	SEE SHEET 1 OF 8	
	REV.	DESCRIPTION	THIS DOCUMENT CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

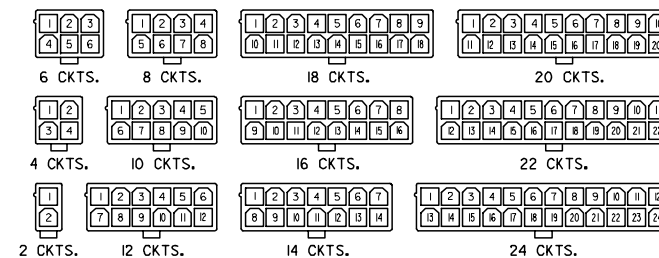
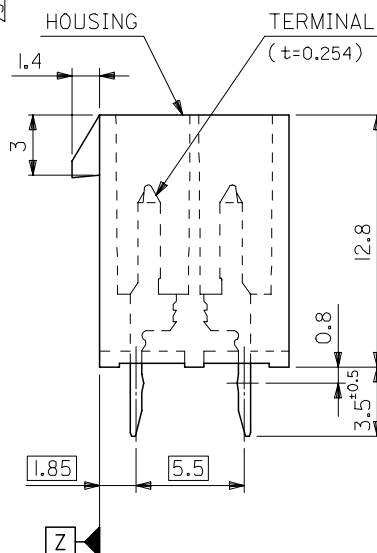
DOCUMENT NUMBER PS-5557-043		FILE NAME PS5557043.doc	SHEET 8 OF 8
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EN-37-1(019)



RECOMMENDED P.C. BOARD PATTERN
(SCALE 2 : 1)

51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
DIM. B	DIM. A	CKT. SIZE



CIRCUIT SIZE LAYOUT
(SCALE 1:1)

NOTES

I. MATE WITH : 5557 SERIES

2. LEGEND

BASE NUMBER

CIRCUIT SIZE

ASS'Y TYPE

A : WITHOUT DRAIN HOLES

B : WITH DRAIN HOLES

TERMINAL MATERIAL

"BLANK": BRASS

PB : PHOSPHOR BRONZE

TERMINAL PLATING

"BLANK": BRIGHT TIN 0.9 μ m MIN. OVER COPPER 0.5 μ m MIN. (BRASS)

TIN 0.9 μ m MIN. REFLOW TREATMENT

OR BRIGHT TIN 0.9μm MIN. (PHOSPHOR BRONZE)

S : BRIGHT TIN 2.54 μ m MIN. OVER NICKEL 1.27 μ m MIN.

S : SELECT GOLD 0.76 μ m MIN. AND SELECT PURE TIN 2.54 μ m MIN.
OVER NICKEL 1.27 μ m MIN.

2 : SELECT GOLD 0.38 μ m MIN. AND SELECT PURE TIN 2.54 μ m MIN.
OVER NICKEL 1.27 μ m MIN.

HOUSING MATERIAL

"BLANK": NYLON 66, UL94V-2

210 : NYLON 66, UL 94V-0

310 : G.F. 30% PCT. III 94V-0

400 : NYLON 66, UL94V-0, BLACK

COLOR OR PACKAGING

BL : BLACK

RE : RED

GR : GRAY

BU : BLUE

YE : YELLOW

TA : TRAY PACKAGING FOR TRAYS (IN US)

5566-N***-*-*

△3 EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.

MODEL NO.

REVISED	EC NO: J2007-2529 DRAWN: KSAIT001 CHKD: K TOYODA APPR: NUKITA	2007/03/07 2007/03/09 2007/03/12	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
				10 UNDER	± 0.2	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
				10 OVER 30 UNDER	± 0.3	CHECKED BY M. FUKUSHIMA	DATE '94/04/20				
				30 OVER	± 0.4	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED			
				ANGULAR ±3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		1 OF 6	
REV	L			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	NOT TOOLED	5566-24APB-3 IO	NOT TOOLED	5566-24AGS2-3 IO	NOT TOOLED	5566-24AGS-3 IO	NOT TOOLED	5566-24AS-3 IO	NOT TOOLED	5566-24A-3 IO	24
	↑	↑ -22APB-3 IO	↑	↑ -22AGS2-3 IO	↑	↑ -22AGS-3 IO	↑	↑ -22AS-3 IO	↑	↑ -22A-3 IO	22
		-20APB-3 IO		-20AGS2-3 IO		-20AGS-3 IO		-20AS-3 IO		-20A-3 IO	20
		-18APB-3 IO		-18AGS2-3 IO		-18AGS-3 IO		-18AS-3 IO		-18A-3 IO	18
		-16APB-3 IO		-16AGS2-3 IO		-16AGS-3 IO		-16AS-3 IO		-16A-3 IO	16
		-14APB-3 IO		-14AGS2-3 IO		-14AGS-3 IO		-14AS-3 IO		-14A-3 IO	14
		-12APB-3 IO		-12AGS2-3 IO		-12AGS-3 IO		-12AS-3 IO		-12A-3 IO	12
		-10APB-3 IO		-10AGS2-3 IO		-10AGS-3 IO		-10AS-3 IO		-10A-3 IO	10
		-08APB-3 IO		-08AGS2-3 IO		-08AGS-3 IO		-08AS-3 IO		-08A-3 IO	8
		-06APB-3 IO		-06AGS2-3 IO		-06AGS-3 IO		-06AS-3 IO		-06A-3 IO	6
	↓ -04APB-3 IO		↓ -04AGS2-3 IO		↓ -04AGS-3 IO		↓ -04AS-3 IO		↓ -04A-3 IO	4	
NOT TOOLED	5566-02APB-3 IO	NOT TOOLED	5566-02AGS2-3 IO	NOT TOOLED	5566-02AGS-3 IO	NOT TOOLED	5566-02AS-3 IO	NOT TOOLED	5566-02A-3 IO	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NAPB-3 IO		5566-NAGS2-3 IO		5566-NAGS-3 IO		5566-NAS-3 IO		5566-NA-3 IO			
39-29-5247	5566-24APB-2 IO	39-30-9245	5566-24AGS2-2 IO	39-29-6248	5566-24AGS-2 IO	39-30-6242	5566-24AS-2 IO	39-28-8240	5566-24A-2 IO	24	
↑ -5227	↑ -22APB-2 IO	↑ -9225	↑ -22AGS2-2 IO	↑ -6228	↑ -22AGS-2 IO	↑ -6222	↑ -22AS-2 IO	↑ -8220	↑ -22A-2 IO	22	
-5207	-20APB-2 IO	-9205	-20AGS2-2 IO	-6208	-20AGS-2 IO	-6202	-20AS-2 IO	-8200	-20A-2 IO	20	
-5187	-18APB-2 IO	-9185	-18AGS2-2 IO	-6188	-18AGS-2 IO	-6182	-18AS-2 IO	-8180	-18A-2 IO	18	
-5167	-16APB-2 IO	-9165	-16AGS2-2 IO	-6168	-16AGS-2 IO	-6162	-16AS-2 IO	-8160	-16A-2 IO	16	
-5147	-14APB-2 IO	-9145	-14AGS2-2 IO	-6148	-14AGS-2 IO	-6142	-14AS-2 IO	-8140	-14A-2 IO	14	
-5127	-12APB-2 IO	-9125	-12AGS2-2 IO	-6128	-12AGS-2 IO	-6122	-12AS-2 IO	-8120	-12A-2 IO	12	
-5107	-10APB-2 IO	-9105	-10AGS2-2 IO	-6108	-10AGS-2 IO	-6102	-10AS-2 IO	-8100	-10A-2 IO	10	
-5087	-08APB-2 IO	-9085	-08AGS2-2 IO	-6088	-08AGS-2 IO	-6082	-08AS-2 IO	-8080	-08A-2 IO	8	
-5067	-06APB-2 IO	-9065	-06AGS2-2 IO	-6068	-06AGS-2 IO	-6062	-06AS-2 IO	-8060	-06A-2 IO	6	
↓ -5047	↓ -04APB-2 IO	↓ -9045	↓ -04AGS2-2 IO	↓ -6048	↓ -04AGS-2 IO	↓ -6042	↓ -04AS-2 IO	↓ -8040	↓ -04A-2 IO	4	
39-29-5027	5566-02APB-2 IO	39-30-9025	5566-02AGS2-2 IO	39-29-6028	5566-02AGS-2 IO	39-30-6022	5566-02AS-2 IO	39-28-8020	5566-02A-2 IO	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NAPB-2 IO		5566-NAGS2-2 IO		5566-NAGS-2 IO		5566-NAS-2 IO		5566-NA-2 IO			
39-29-5246	5566-24APB	39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS	39-30-6241	5566-24AS	39-28-1243	5566-24A	24	
↑ -5226	↑ -22APB	↑ -9224	↑ -22AGS2	↑ -0223	↑ -22AGS	↑ -6221	↑ -22AS	↑ -1223	↑ -22A	22	
-5206	-20APB	-9204	-20AGS2	-0203	-20AGS	-6201	-20AS	-1203	-20A	20	
-5186	-18APB	-9184	-18AGS2	-0183	-18AGS	-6181	-18AS	-1183	-18A	18	
-5166	-16APB	-9164	-16AGS2	-0163	-16AGS	-6161	-16AS	-1163	-16A	16	
-5146	-14APB	-9144	-14AGS2	-0143	-14AGS	-6141	-14AS	-1143	-14A	14	
-5126	-12APB	-9124	-12AGS2	-0123	-12AGS	-6121	-12AS	-1123	-12A	12	
-5106	-10APB	-9104	-10AGS2	-0103	-10AGS	-6101	-10AS	-1103	-10A	10	
-5086	-08APB	-9084	-08AGS2	-0083	-08AGS	-6081	-08AS	-1083	-08A	8	
-5066	-06APB	-9064	-06AGS2	-0063	-06AGS	-6061	-06AS	-1063	-06A	6	
↓ -5046	↓ -04APB	↓ -9044	↓ -04AGS2	↓ -0043	↓ -04AGS	↓ -6041	↓ -04AS	↓ -1043	↓ -04A	4	
39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA			

A	REVISED EC NO: J2007-2529 DRWNG SAI T001 CHKDK TOYODA APPR: NUKITA	2007/03/07 2007/03/09 2007/03/12	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION						
				10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-								
				10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20									
				30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED								
				ANGULAR	± --- °	MATERIAL NO.										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO. SD-5566-002	SHEET NO. 2 OF 6							
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

tb_frame_A3_J_ME_S Rev. D 2004/04/02	9	8	7	6	5	4	3	2	EN-02JA(021)	
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	10	9	8	7	6	5	4	3	2	1	
F	NOT TOOLED	5566-24BGS2-3 IO	NOT TOOLED	5566-24BGS-3 IO	NOT TOOLED	5566-24BS-3 IO	NOT TOOLED	5566-24B-3 IO	NOT TOOLED	5566-24APBS-3 IO	24
	↑	↑ -22BGS2-3 IO	↑	↑ -22BGS-3 IO	↑	↑ -22BS-3 IO	↑	↑ -22B-3 IO	↑	↑ -22APBS-3 IO	22
		-20BGS2-3 IO		-20BGS-3 IO		-20BS-3 IO		-20B-3 IO		-20APBS-3 IO	20
		-18BGS2-3 IO		-18BGS-3 IO		-18BS-3 IO		-18B-3 IO		-18APBS-3 IO	18
		-16BGS2-3 IO		-16BGS-3 IO		-16BS-3 IO		-16B-3 IO		-16APBS-3 IO	16
		-14BGS2-3 IO		-14BGS-3 IO		-14BS-3 IO		-14B-3 IO		-14APBS-3 IO	14
		-12BGS2-3 IO		-12BGS-3 IO		-12BS-3 IO		-12B-3 IO		-12APBS-3 IO	12
		-10BGS2-3 IO		-10BGS-3 IO		-10BS-3 IO		-10B-3 IO		-10APBS-3 IO	10
		-08BGS2-3 IO		-08BGS-3 IO		-08BS-3 IO		-08B-3 IO		-08APBS-3 IO	8
		-06BGS2-3 IO		-06BGS-3 IO		-06BS-3 IO		-06B-3 IO		-06APBS-3 IO	6
	↓	↓ -04BGS2-3 IO	↓	↓ -04BGS-3 IO	↓	↓ -04BS-3 IO	↓	↓ -04B-3 IO	↓	↓ -04APBS-3 IO	4
NOT TOOLED	5566-02BGS2-3 IO	NOT TOOLED	5566-02BGS-3 IO	NOT TOOLED	5566-02BS-3 IO	NOT TOOLED	5566-02B-3 IO	NOT TOOLED	5566-02APBS-3 IO	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NBGS2-3 IO		5566-NBGS-3 IO		5566-NBS-3 IO		5566-NB-3 IO		5566-NAPBS-3 IO			
39-30-9247	5566-24BGS2-2 IO	39-31-0248	5566-24BGS-2 IO	39-31-0242	5566-24BS-2 IO	39-31-0240	5566-24B-2 IO	39-30-6244	5566-24APBS-2 IO	24	
↑ -9227	↑ -22BGS2-2 IO	↑ -0228	↑ -22BGS-2 IO	↑ -0222	↑ -22BS-2 IO	↑ -0220	↑ -22B-2 IO	↑ -6224	↑ -22APBS-2 IO	22	
↑ -9207	↑ -20BGS2-2 IO	↑ -0208	↑ -20BGS-2 IO	↑ -0202	↑ -20BS-2 IO	↑ -0200	↑ -20B-2 IO	↑ -6204	↑ -20APBS-2 IO	20	
↑ -9187	↑ -18BGS2-2 IO	↑ -0188	↑ -18BGS-2 IO	↑ -0182	↑ -18BS-2 IO	↑ -0180	↑ -18B-2 IO	↑ -6184	↑ -18APBS-2 IO	18	
↑ -9167	↑ -16BGS2-2 IO	↑ -0168	↑ -16BGS-2 IO	↑ -0162	↑ -16BS-2 IO	↑ -0160	↑ -16B-2 IO	↑ -6164	↑ -16APBS-2 IO	16	
↑ -9147	↑ -14BGS2-2 IO	↑ -0148	↑ -14BGS-2 IO	↑ -0142	↑ -14BS-2 IO	↑ -0140	↑ -14B-2 IO	↑ -6144	↑ -14APBS-2 IO	14	
↑ -9127	↑ -12BGS2-2 IO	↑ -0128	↑ -12BGS-2 IO	↑ -0122	↑ -12BS-2 IO	↑ -0120	↑ -12B-2 IO	↑ -6124	↑ -12APBS-2 IO	12	
↑ -9107	↑ -10BGS2-2 IO	↑ -0108	↑ -10BGS-2 IO	↑ -0102	↑ -10BS-2 IO	↑ -0100	↑ -10B-2 IO	↑ -6104	↑ -10APBS-2 IO	10	
↑ -9087	↑ -08BGS2-2 IO	↑ -0088	↑ -08BGS-2 IO	↑ -0082	↑ -08BS-2 IO	↑ -0080	↑ -08B-2 IO	↑ -6084	↑ -08APBS-2 IO	8	
↑ -9067	↑ -06BGS2-2 IO	↑ -0068	↑ -06BGS-2 IO	↑ -0062	↑ -06BS-2 IO	↑ -0060	↑ -06B-2 IO	↑ -6064	↑ -06APBS-2 IO	6	
↓ -9047	↓ -04BGS2-2 IO	↓ -0048	↓ -04BGS-2 IO	↓ -0042	↓ -04BS-2 IO	↓ -0040	↓ -04B-2 IO	↓ -6044	↓ -04APBS-2 IO	4	
39-30-9027	5566-02BGS2-2 IO	39-31-0028	5566-02BGS-2 IO	39-31-0022	5566-02BS-2 IO	39-31-0020	5566-02B-2 IO	39-30-6024	5566-02APBS-2 IO	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NBGS2-2 IO		5566-NBGS-2 IO		5566-NBS-2 IO		5566-NB-2 IO		5566-NAPBS-2 IO			
39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS	24	
↑ -9226	↑ -22BGS2	↑ -0227	↑ -22BGS	↑ -0221	↑ -22BS	↑ -3226	↑ -22B	↑ -6223	↑ -22APBS	22	
↑ -9206	↑ -20BGS2	↑ -0207	↑ -20BGS	↑ -0201	↑ -20BS	↑ -3206	↑ -20B	↑ -6203	↑ -20APBS	20	
↑ -9186	↑ -18BGS2	↑ -0187	↑ -18BGS	↑ -0181	↑ -18BS	↑ -3186	↑ -18B	↑ -6183	↑ -18APBS	18	
↑ -9166	↑ -16BGS2	↑ -0164	↑ -16BGS	↑ -0161	↑ -16BS	↑ -3166	↑ -16B	↑ -6163	↑ -16APBS	16	
↑ -9146	↑ -14BGS2	↑ -0147	↑ -14BGS	↑ -0141	↑ -14BS	↑ -3146	↑ -14B	↑ -6143	↑ -14APBS	14	
↑ -9126	↑ -12BGS2	↑ -0127	↑ -12BGS	↑ -0121	↑ -12BS	↑ -3126	↑ -12B	↑ -6123	↑ -12APBS	12	
↑ -9106	↑ -10BGS2	↑ -0107	↑ -10BGS	↑ -0101	↑ -10BS	↑ -3106	↑ -10B	↑ -6103	↑ -10APBS	10	
↑ -9086	↑ -08BGS2	↑ -0087	↑ -08BGS	↑ -0081	↑ -08BS	↑ -3086	↑ -08B	↑ -6083	↑ -08APBS	8	
↑ -9066	↑ -06BGS2	↑ -0067	↑ -06BGS	↑ -0061	↑ -06BS	↑ -3066	↑ -06B	↑ -6063	↑ -06APBS	6	
↓ -9046	↓ -04BGS2	↓ -0047	↓ -04BGS	↓ -0041	↓ -04BS	↓ -3046	↓ -04B	↓ -6043	↓ -04APBS	4	
39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS	2	
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
5566-NBGS2		5566-NBGS		5566-NBS		5566-NB		5566-NAPBS			

REVISED EC NO: J2007-2529 DRW:KSAI T001 CHK:DKTOY00A APPR:NUKITA	2007/03/07 2007/03/09 2007/03/12	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-			
			10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20				
			30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20	MOLEX INCORPORATED			
			ANGULAR ± --- °		MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		SHEET NO. 3 OF 6	
					A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

tb_frame_A3_J_ME_S Rev. D 2004/04/02	9	8	7	6	5	4	3	2	EN-02JA(021)	
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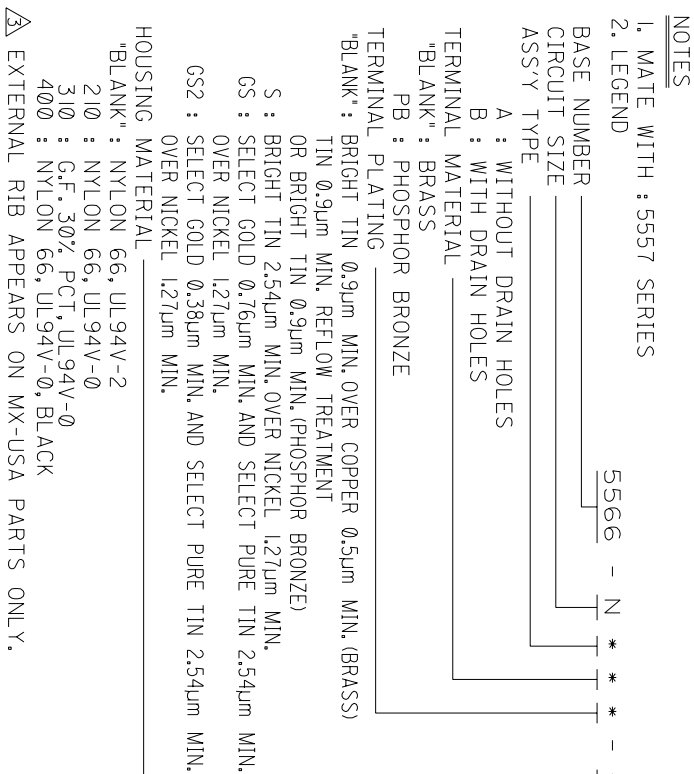
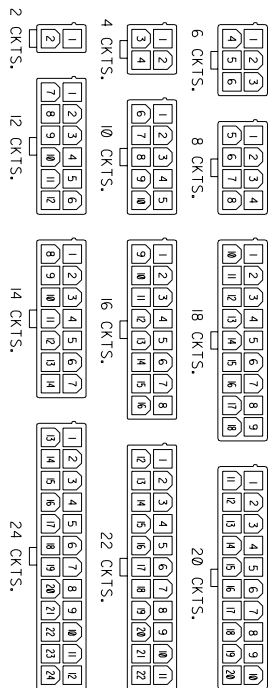
	10	9	8	7	6	5	4	3	2	1										
F							NOT TOOLED	5566-24BPBS-3 IO	NOT TOOLED	5566-24BPB-3 IO	24	F								
							▲	▲ -22BPBS-3 IO	▲	▲ -22BPB-3 IO	22									
								-20BPBS-3 IO		-20BPB-3 IO	20									
								-18BPBS-3 IO		-18BPB-3 IO	18									
								-16BPBS-3 IO		-16BPB-3 IO	16									
								-14BPBS-3 IO		-14BPB-3 IO	14									
								-12BPBS-3 IO		-12BPB-3 IO	12									
								-10BPBS-3 IO		-10BPB-3 IO	10									
								-08BPBS-3 IO		-08BPB-3 IO	8									
								-06BPBS-3 IO		-06BPB-3 IO	6									
E							▼	▼ -04BPBS-3 IO	▼	▼ -04BPB-3 IO	4	E								
							NOT TOOLED	5566-02BPBS-3 IO	NOT TOOLED	5566-02BPB-3 IO	2									
							EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE									
							5566-NBPBS-3 IO		5566-NBPB-3 IO											
							39-31-0246	5566-24BPBS-2 IO	39-31-0244	5566-24BPB-2 IO	24									
							▲ -0226	▲ -22BPBS-2 IO	▲ -0224	▲ -22BPB-2 IO	22									
							-0206	-20BPBS-2 IO	-0204	-20BPB-2 IO	20									
							-0186	-18BPBS-2 IO	-0184	-18BPB-2 IO	18									
							-0166	-16BPBS-2 IO	-0164	-16BPB-2 IO	16									
							-0146	-14BPBS-2 IO	-0144	-14BPB-2 IO	14									
D							-0126	-12BPBS-2 IO	-0124	-12BPB-2 IO	12	D								
							-0106	-10BPBS-2 IO	-0104	-10BPB-2 IO	10									
							-0086	-08BPBS-2 IO	-0084	-08BPB-2 IO	8									
							-0066	-06BPBS-2 IO	-0064	-06BPB-2 IO	6									
							▼ -0046	▼ -04BPBS-2 IO	▼ -0044	▼ -04BPB-2 IO	4									
							39-31-0026	5566-02BPBS-2 IO	39-31-0024	5566-02BPB-2 IO	2									
							EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE									
							5566-NBPBS-2 IO		5566-NBPB-2 IO											
							39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243		5566-24BPB	24						
							▲ -0228	▲ -22A-400	▲ -0225	▲ -22BPBS	▲ -0223		▲ -22BPB	22						
C							-0208	-20A-400	-0205	-20BPBS	-0203	-20BPB	20	C						
							-0188	-18A-400	-0185	-18BPBS	-0183	-18BPB	18							
							-0168	-16A-400	-0165	-16BPBS	-0163	-16BPB	16							
							-0148	-14A-400	-0145	-14BPBS	-0143	-14BPB	14							
							-0128	-12A-400	-0125	-12BPBS	-0123	-12BPB	12							
							-0108	-10A-400	-0105	-10BPBS	-0103	-10BPB	10							
							-0088	-08A-400	-0085	-08BPBS	-0083	-08BPB	8							
							-0068	-06A-400	-0065	-06BPBS	-0063	-06BPB	6							
							▼ -0048	▼ -04A-400	▼ -0045	▼ -04BPBS	▼ -0043	▼ -04BPB	4							
							39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	2							
B							EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE	B								
							5566-NA-400		5566-NBPBS		5566-NBPB									
A							REVISED EC NO: J2007-2529 DRWNG SAI T001 2007/03/07 CHKDK TOYODA 2007/03/09 APPR: NUKITA 2007/03/12		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	A				
							10 UNDER		± ---	DRAWN BY H. HIRAMOTO		DATE '89/04/03	TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-							
							10 OVER 30 UNDER		± ---	CHECKED BY M. FUKUSHIMA		DATE '94/04/20								
							30 OVER		± ---	APPROVED BY M. FUKUSHIMA		DATE '94/04/20	MOLEX INCORPORATED							
							ANGULAR		± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		4 OF 6							
							SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
							L													
fb_frame_A3_J_ME_S Rev. D 2004/04/02											9	8	7	6	5	4	3	2	1	EN-02JA(021)

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	10	9	8	7	6	5	4	3	2	1	
F											F
E											E
D											D
C											C
B											B
A											A

	10	9	8	7	6	5	4	3	2	1		
F									39-35-0248	5566-24A-400	24	
									▲-0228	▲-22A-400	22	
									-0208	-20A-400	20	
									-0188	-18A-400	18	
									-0168	-16A-400	16	
									-0148	-14A-400	14	
									-0128	-12A-400	12	
									-0108	-10A-400	10	
									-0088	-08A-400	8	
									-0068	-06A-400	6	
E									▼-0048	▼-04A-400	4	
									39-35-0028	5566-02A-400	2	
									EDP NO.	ENG. NO	極数	
									5566-NA-400			
	39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24					
	▲-5227	▲-22APB-210	▲-6228	▲-22AGS-210	▲-8220	▲-22A-210	22					
	-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20					
	-5187	-18APB-210	-6188	-18AGS-210	-8180	-18A-210	18					
	-5167	-16APB-210	-6168	-16AGS-210	-8160	-16A-210	16					
	-5147	-14APB-210	-6148	-14AGS-210	-8140	-14A-210	14					
D	-5127	-12APB-210	-6128	-12AGS-210	-8120	-12A-210	12					
	-5107	-10APB-210	-6108	-10AGS-210	-8100	-10A-210	10					
	-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8					
	-5067	-06APB-210	-6068	-06AGS-210	-8060	-06A-210	6					
	▼-5047	▼-04APB-210	▼-6048	▼-04AGS-210	▼-8040	▼-04A-210	4					
	39-29-5027	5566-02APB-210	39-29-6028	5566-02AGS-210	39-28-8020	5566-02A-210	2					
	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数					
	5566-NAPB-210		5566-NAGS-210		5566-NA-210							
	39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24					
	▲-5226	▲-22APB	▲-0223	▲-22AGS	▲-1223	▲-22A	22					
C	-5206	-20APB	-0203	-20AGS	-1203	-20A	20					
	-5186	-18APB	-0183	-18AGS	-1183	-18A	18					
	-5166	-16APB	-0163	-16AGS	-1163	-16A	16					
	-5146	-14APB	-0143	-14AGS	-1143	-14A	14					
	-5126	-12APB	-0123	-12AGS	-1123	-12A	12					
	-5106	-10APB	-0103	-10AGS	-1103	-10A	10					
	-5086	-08APB	-0083	-08AGS	-1083	-08A	8					
	-5066	-06APB	-0063	-06AGS	-1063	-06A	6					
	▼-5046	▼-04APB	▼-0043	▼-04AGS	▼-1043	▼-04A	4					
	39-29-5026	5566-02APB	39-29-0023	5566-02AGS	39-28-1023	5566-02A	2					
B	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数					
	5566-NAPB		5566-NAGS		5566-NA							
	REVISED EC NO: J2006-2418 DRWN:MABEI 2006/01/30 CHKD:KTOYODA 2006/02/03 APPR:NUKITA 2006/02/06	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			10 UNDER	± ---	DRAWN BY H. HIRAMOTO	DATE '89/05/07	TITLE NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-					
			10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '91/10/29						
			30 OVER	± ---	APPROVED BY M. ENOMOTO	DATE '91/10/29						
			ANGULAR	± --- °	MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-5566-003		2 OF 3			
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
A	tb_frame_A3_J_ME_S Rev. D 2004/04/02	9	8	7	6	5	4	3	2	EN-02JA(021)		

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5566.S31

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NOT TOOLED	5566-24APB-310	NOT TOOLED	5566-24AGS2-310	NOT TOOLED	5566-24AGS-310	NOT TOOLED	5566-24AS-310	NOT TOOLED	5566-24A-310	24
▲	-22APB-310	▲	-22AGS2-310	▲	-22AGS-310		-22AS-310	▲	-22A-310	22
	-20APB-310		-20AGS2-310		-20AGS-310		-20AS-310		-20A-310	20
	-18APB-310		-18AGS2-310		-18AGS-310		-18AS-310		-18A-310	18
	-16APB-310		-16AGS2-310		-16AGS-310		-16AS-310		-16A-310	16
	-14APB-310		-14AGS2-310		-14AGS-310		-14AS-310		-14A-310	14
	-12APB-310		-12AGS2-310		-12AGS-310		-12AS-310		-12A-310	12
	-10APB-310		-10AGS2-310		-10AGS-310		-10AS-310		-10A-310	10
	-08APB-310		-08AGS2-310		-08AGS-310		-08AS-310		-08A-310	8
	-06APB-310		-06AGS2-310		-06AGS-310		-06AS-310		-06A-310	6
▼	-04APB-310	▼	-04AGS2-310	▼	-04AGS-310	▼	-04AS-310	▼	-04A-310	4
NOT TOOLED	5566-02APB-310	NOT TOOLED	5566-02AGS2-310	NOT TOOLED	5566-02AGS-310	NOT TOOLED	5566-02AS-310	NOT TOOLED	5566-02A-310	2

5566-NAPB-310		5566-NAGS2-310		5566-NAGS-310		5566-NAS-310		5566-NA-310		SIZE
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CT
39-29-5247	5566-24APB-210	39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210	39-30-6242	5566-24AS-210	39-28-8240	5566-24A-210	24
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	22
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	20
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	18
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	16
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	14
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	12
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	10
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	8
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	6
5566-24APB-210	5566-24AGS2-210	5566-24AGS-210	5566-24AS-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	5566-24A-210	4
39-29-5047	5566-02APB-210	39-30-9045	5566-02AGS2-210	39-29-6048	5566-02AGS-210	39-30-6042	5566-02AS-210	39-28-8040	5566-02A-210	2

5566-NAPB-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		SIZE
39-29-5226	5566-24APB	39-30-9224	5566-24AGS2	39-29-0223	5566-24AGS	39-30-6221	5566-24AS	39-28-1243	5566-24A	24
▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	22
-5206	-20APB	-9204	-20AGS2	-0203	-20AGS	-6201	-20AS	-1203	-20A	20
-5186	-18APB	-9184	-18AGS2	-0183	-18AGS	-6181	-18AS	-1183	-18A	18
-5166	-16APB	-9164	-16AGS2	-0163	-16AGS	-6161	-16AS	-1163	-16A	16
-5146	-14APB	-9144	-14AGS2	-0143	-14AGS	-6141	-14AS	-1143	-14A	14
-5126	-12APB	-9124	-12AGS2	-0123	-12AGS	-6121	-12AS	-1123	-12A	12
-5106	-10APB	-9104	-10AGS2	-0103	-10AGS	-6101	-10AS	-1103	-10A	10
-5086	-08APB	-9084	-08AGS2	-0083	-08AGS	-6081	-08AS	-1083	-08A	8
-5066	-06APB	-9064	-06AGS2	-0063	-06AGS	-6061	-06AS	-1063	-06A	6
▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	4
-5046	-04APB	-9044	-04AGS2	-0043	-04AGS	-6041	-04AS	-1043	-04A	4
39-29-5026	5566-02APB	39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS	39-30-6021	5566-02AS	39-28-1023	5566-02A	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	
5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA		CKT. SIZE

[illegible]

NOT	TOOLED	5566-24BPS-310	NOT	TOOLED	5566-24BPB-310	24
	▲	-22BPS-310		▲	-22BPB-310	22
		-20BPS-310			-20BPB-310	20
		-18BPS-310			-18BPB-310	18
		-16BPS-310			-16BPB-310	16
		-14BPS-310			-14BPB-310	14
		-12BPS-310			-12BPB-310	12
		-10BPS-310			-10BPB-310	10
		-08BPS-310			-08BPB-310	8
		-06BPS-310			-06BPB-310	6
	▼	-04BPS-310		▼	-04BPB-310	4
NOT	TOOLED	5566-02BPS-310	NOT	TOOLED	5566-02BPB-310	2
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE
5566-NBPS-310		5566-NBPB-310				
39-31-0246	5566-24BPS-210	39-31-0244	5566-24BPB-210	24		
▲	-0226	▲	-22BPB-210	22		
	-0206		-20BPB-210	20		
	-0186		-18BPB-210	18		
	-0166		-16BPB-210	16		
	-0146		-14BPB-210	14		
	-0126		-12BPB-210	12		
	-0106		-10BPB-210	10		
	-0086		-08BPB-210	8		
	-0066		-06BPB-210	6		
▼	-0046	▼	-04BPB-210	4		
39-31-0026	5566-02BPS-210	39-31-0024	5566-02BPB-210	2		
EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE		
5566-NBPS-210		5566-NBPB-210				
39-31-0245	5566-24BPS	39-31-0243	5566-24BPB	24		
▲	-0225	▲	-22BPS	22		
	-0205		-20BPS	20		
	-0185		-18BPS	18		
	-0165		-16BPS	16		
	-0145		-14BPS	14		
	-0125		-12BPS	12		
	-0105		-10BPS	10		
	-0085		-08BPS	8		
	-0065		-06BPS	6		
▼	-0045	▼	-04BPS	4		
39-31-0025	5566-02BPS	39-31-0023	5566-02BPB	2		
EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE		
5566-NA-400		5566-NBPS		5566-NBPB		
24		材料 MATERIAL		SEE NOTE 2		
5566-N****-*		M.N. 94/5/25	仕上り FINISH		SEE NOTE 2	
MODEL NO.		M.F. 94/4/8	適用電線範囲 WIRE RANGE		—H—	
角度 ANGLE		H.H. 93/3/7	被覆外径 INS. RANGE		—H—	
30 以上		H.H. 90/6/8	DRAWN BY 93/4/3		CHK'D BY 94/4/20	
10 以上 30 未満		H.H. 90/8/25	HIDRIMOTO		M.FUKUSHIMA	
10 未満		H.H. 89/8/3	APRD. BY 94/4/20		CHK'D BY 94/4/20	
D UNDER		D	SEE SHEET 1 OF 4	尺度 SCALE	—H—	
記号		変更内容	日付	CHK. DATE	DWG. NO. SHEET 4 OF 4	
GENERAL TOLERANCES		REVISION RECORD	OK	DATE	SD-5566-N****-*	
					REV J	

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