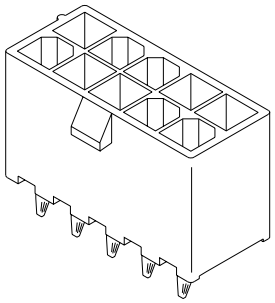
Jameco Part Number 881629

FEATURES AND SPECIFICATIONS

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

5566

Vertical, Dual Row Without Pegs



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

Reference Information

Product Specification: PS-5556-0001
Packaging: Tray or bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacle
Designed In: Millimeters

Electrical

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

Circuits	2–3	4–6	7–10	12–24
Amperes-Jr.	9	8	7	6

Electrical (cont'd)

Contact Resistance: 10mΩ max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 MΩ min.

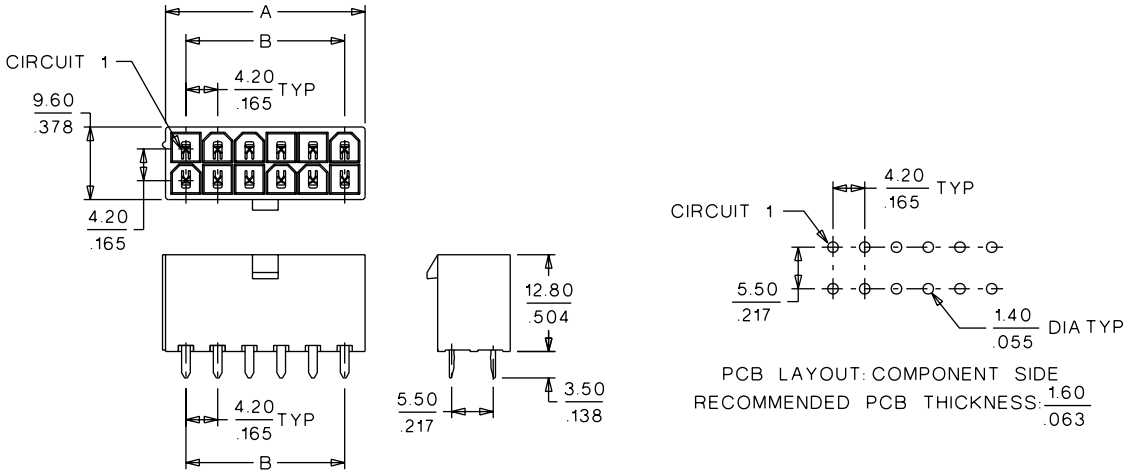
Mechanical

Contact Insertion Force: 1.5kg max.
Contact Retention to Housing: 3.0kg min.
Wire Pull-Out Force: 9.0kg min.
Insertion Force to PCB: 5.0kg max.
Mating Force: 0.7kg (1.54 lb) max.
Unmating Force: 0.35kg (0.7 lb) min.
Normal Force: 200g min.
Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass or Phosphor Bronze
Plating: Tin, select Gold or overall Gold
Operating Temperature: -40 to +105˚C

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

With Drain Holes

Circuits	Order No.				Dimension	
	Tin Plated		Gold Plated (30µ")		A	B
	94V-2	94V-0	94V-2	94V-0		
2	•39-29-3026	•39-31-0020	•39-31-0027	•39-31-0028	5.40 (.210)	
4	•39-29-3046	•39-31-0040	•39-31-0047	•39-31-0048	9.60 (.380)	4.20 (.170)
6	•39-29-3066	•39-31-0060	•39-31-0067	•39-31-0068	13.80 (.540)	8.40 (.330)
8	•39-29-3086	•39-31-0080	•39-31-0087	•39-31-0088	18.00 (.710)	12.60 (.500)
10	•39-29-3106	•39-31-0100	•39-31-0107	•39-31-0108	22.20 (.870)	16.80 (.660)
12	•39-29-3126	•39-31-0120	•39-31-0127	•39-31-0128	26.40 (1.040)	21.00 (.830)
14	•39-29-3146	•39-31-0140	•39-31-0147	•39-31-0148	30.60 (1.200)	25.20 (.990)
16	•39-29-3166	•39-31-0160	•39-31-0167	•39-31-0168	34.80 (1.370)	29.40 (1.160)
20	•39-29-3206		•39-31-0207		43.20 (1.700)	37.80 (1.490)
22	•39-29-3226		•39-31-0227		47.40 (1.870)	42.00 (1.650)

• US Standard Product, available through Molex franchised distributors

Without Drain Holes

Circuits	Order No.				Dimension	
	Tin Plated		Gold Plated (30µ")		A	B
	94V-2	94V-0	94V-2	94V-0		
2	•39-28-1023	•39-28-8020	•39-29-0023	•39-29-6028	5.40 (.210)	
4	•39-28-1043	•39-28-8040	•39-29-0043	•39-29-6048	9.60 (.380)	4.20 (.170)
6	•39-28-1063	•39-28-8060	•39-29-0063	•39-29-6068	13.80 (.540)	8.40 (.330)
8	•39-28-1083	•39-28-8080	•39-29-0083	•39-29-6088	18.00 (.710)	12.60 (.500)
10	•39-28-1103	•39-28-8100	•39-29-0103	•39-29-6108	22.20 (.870)	16.80 (.660)
12	•39-28-1123	•39-28-8120	•39-29-0123	•39-29-6128	26.40 (1.040)	21.00 (.830)
14	•39-28-1143	•39-28-8140	•39-29-0143	•39-29-6148	30.60 (1.200)	25.20 (.990)
16	•39-28-1163	•39-28-8160	•39-29-0163	•39-29-6168	34.80 (1.370)	29.40 (1.160)
18	•39-28-1183	•39-28-8180	•39-29-0183	•39-29-6188	39.00 (1.540)	33.60 (1.320)
20	•39-28-1203	•39-28-8200	•39-29-0203	•39-29-6208	43.20 (1.700)	37.80 (1.490)
22	•39-28-1223	•39-28-8220	•39-29-0223	•39-29-6228	47.40 (1.870)	42.00 (1.650)
24	•39-28-1243	•39-28-8240	•39-29-0243	•39-29-6248	51.60 (2.030)	46.20 (1.820)

製品仕様書 ・ PRODUCT SPECIFICATION

【１．適用範囲 SCOPE】

本仕様書は、＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿殿 に納入する

４．２ｍｍピッチ プリント基板用 コネクタ について規定する。
This specification covers the 4.2mm CENTER SPACING P.C. BOARD CONNECTOR series.

【２．製品名称及び型番 PRODUCT NAME AND PART NUMBER】

製 品 名 称 Product Name	製 品 型 番 Part Number
ターミナル Terminal (AWG #18～#24)	５５５６ＰＢＴ，ＰＢＴＬ
ハウジング Housing (UL 94V-2)	５５５７－ＮＲ
ハウジング Housing (UL 94V-0)	５５５７－ＮＲ－２１０
ヘッダー アッセンブリ (UL 94V-2) Header Assembly	５５６６－ＮＡ
ヘッダー アッセンブリ (UL 94V-0) Header Assembly	５５６６－ＮＡ－２１０

Ｎ：図面参照 Refer to the drawing.

【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.)	６００Ｖ ［ＡＣ（実効値 rms）／ＤＣ］		
最大許容電流 及び適用電線 Rated Current (MAX.) and Applicable wires	ＡＷＧ ＃１８	５Ａ	被覆外径： Insulation O.D. φ1.3～φ3.1mm
	ＡＷＧ ＃２０	４Ａ	
	ＡＷＧ ＃２２	３Ａ	
	ＡＷＧ ＃２４	２Ａ	
使用温度範囲 Ambient temperature Range	－４０℃ ～ ＋１０５℃*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　mΩMAX.
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　MΩMIN.
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 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　mΩMAX.

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 and Withdrawal Force	毎分 25±3mm の速さで挿入、抜去を行なう。 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	88.2 N {9.0 kgf} MIN.
			AWG.#20	58.8 N {6.0 kgf} MIN.
			AWG.#22	39.2 N {4.0 kgf} MIN.
			AWG.#24	29.4 N {3.0 kgf} 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.
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±3mm/ minute on the terminal assembled in the housing.		29.4 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±3mm/minute.		9.8 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 繰返す。 When mated up to 30 cycles repeatedly by the rate of 10 cycles per minute.	接触抵抗 Contact Resis-tance	20 mΩ 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 Tempera-ture rise	30 ℃ 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	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ MAX.
			瞬断 Dis-continuity	1 μsec.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/S² {50G} の衝撃を 各3回 加える。 (JIS C0041/MIL-STD-202 試験法 213) 490m/S² {50G}, 3 strokes in each X.Y.Z. axes. (JIS C0041 MIL-STD-202 Method 213)	外観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ MAX.
			瞬断 Dis-continuity	1 μsec.MAX.
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	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ 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	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ MAX.

項目 Item		条件 Test Condition	規格 Requirement	
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: 90～95% Duration: 96 hours (JIS C0022/MIL-STD-202 Method 103)	外観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ 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	100 MΩ 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	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ MAX.
4-3-9	塩水噴霧 Salt Spray	コネクタを嵌合させ、35±2℃ にて5±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 C0023/MIL-STD-202 試験法101) 48±4 hours exposure to a salt spray from the 5±1% solution at 35±2℃. (JIS C0023/MIL-STD-202 Method 101)	外観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ MAX.
4-3-10	亜硫酸ガス SO_2 Gas	コネクタを嵌合させ、40±2℃ にて50±5ppm の亜硫酸ガス中に 24時間放置する。 24 hours exposure to 50±5ppm. SO_2 gas at 40±2℃.	外観 Appearance	異状なきこと No Damage
			接触抵抗 Contact Resistance	20 mΩ 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、230±5℃ の半田に3±0.5秒 浸す。 Soldering Time: 3±0.5 sec. Solder Temperature: 230±5℃	濡れ性 Solder Wetting	浸漬面積の ７５％以上 75% of immersed area must show no voids, pin holes

項目 Item		条件 Test Condition	規格 Requirement	
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±5℃ の半田に 5±0.5秒 浸す。 Solder Temperature: 260±5℃ Soldering Time: 5±0.5 sec.	外観 Appearance	端子ガタ、割れ等異状なきこと No Damage

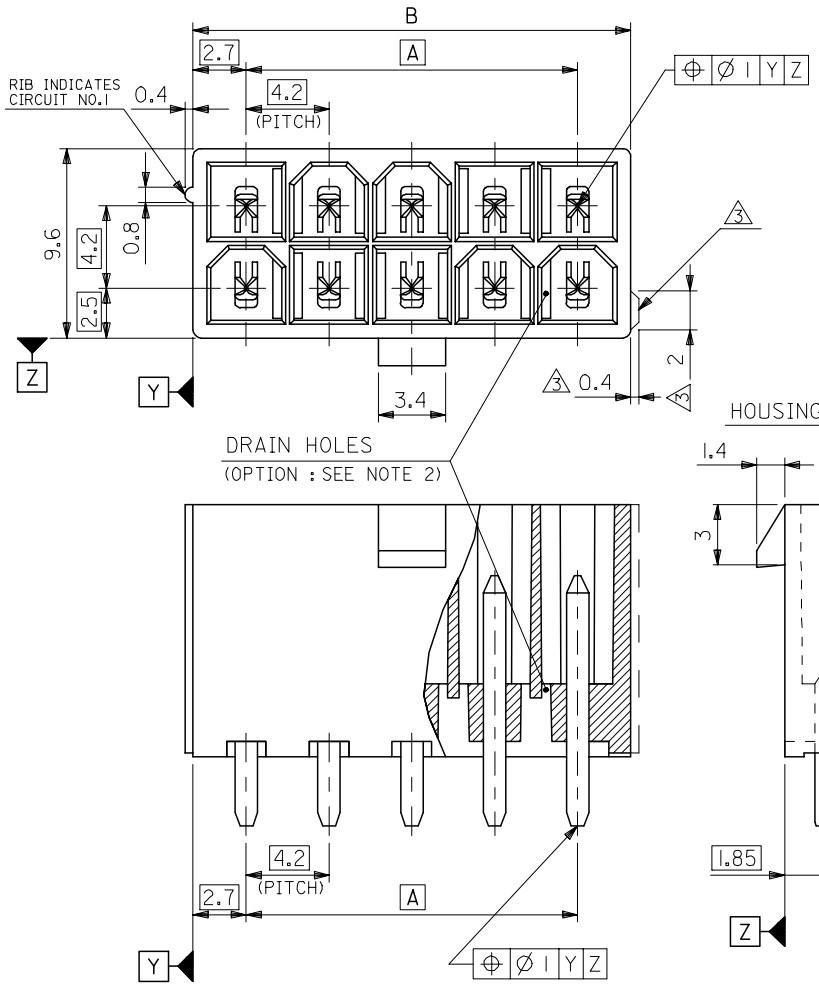
( ) : 参考規格
Reference Standard

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

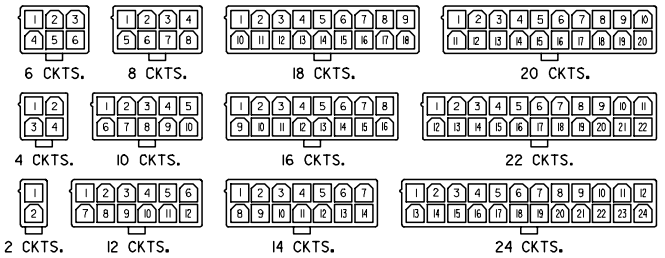
図面参照 Refer to the drawing.

【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 (MAX.)			抜去力 (最小値) Withdrawal (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	13.8 {1.4}	12.8 {1.3}	12.8 {1.3}	0.98 {0.10}	0.78 {0.08}	0.78 {0.08}
4	N kgf	27.5 {2.8}	25.5 {2.6}	25.5 {2.6}	1.96 {0.20}	1.56 {0.16}	1.56 {0.16}
6	N kgf	41.2 {4.2}	38.3 {3.9}	38.3 {3.9}	2.94 {0.30}	2.35 {0.24}	2.35 {0.24}
8	N kgf	54.9 {5.6}	51.0 {5.2}	51.0 {5.2}	3.92 {0.40}	3.13 {0.32}	3.13 {0.32}
10	N kgf	68.6 {7.0}	63.7 {6.5}	63.7 {6.5}	4.90 {0.50}	3.92 {0.40}	3.92 {0.40}
12	N kgf	82.4 {8.4}	76.5 {7.8}	76.5 {7.8}	5.88 {0.60}	4.70 {0.48}	4.70 {0.48}
14	N kgf	96.1 {9.8}	89.2 {9.1}	89.2 {9.1}	6.86 {0.70}	5.48 {0.56}	5.48 {0.56}
16	N kgf	109.8 {11.2}	102.0 {10.4}	102.0 {10.4}	7.84 {0.80}	6.27 {0.64}	6.27 {0.64}
18	N kgf	123.5 {12.6}	114.7 {11.7}	114.7 {11.7}	8.82 {0.90}	7.05 {0.72}	7.05 {0.72}
20	N kgf	137.2 {14.0}	127.4 {13.0}	127.4 {13.0}	9.80 {1.00}	7.84 {0.80}	7.84 {0.80}
22	N kgf	151.0 {15.4}	140.2 {14.3}	140.2 {14.3}	10.78 {1.10}	8.62 {0.88}	8.62 {0.88}
24	N kgf	164.7 {16.8}	152.9 {15.6}	152.9 {15.6}	11.76 {1.20}	9.40 {0.96}	9.40 {0.96}



DIM. B	DIM. A	CKT. SIZE
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



CIRCUIT SIZE LAYOUT

(SCALE 1 : 1)

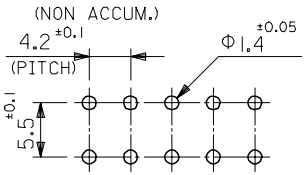
NOTES

1. MATE WITH : 5557 SERIES
2. LEGEND

5566 - N * * * - * - *

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 0.9μm MIN. OVER COPPER 0.5μm MIN. (BRASS)
TIN 0.9μm MIN. REFLOW TREATMENT
OR BRIGHT TIN 0.9μm MIN. (PHOSPHOR BRONZE)
S : BRIGHT TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
GS : SELECT GOLD 0.76μm MIN. AND SELECT PURE TIN 2.54μm MIN.
OVER NICKEL 1.27μm MIN.
GS2 : SELECT GOLD 0.38μm MIN. AND SELECT PURE TIN 2.54μm MIN.
OVER NICKEL 1.27μm MIN.
HOUSING MATERIAL
"BLANK" : NYLON 66, UL94V-2
210 : NYLON 66, UL94V-0
310 : G.F. 30% PCT, UL94V-0
400 : NYLON 66, UL94V-0, BLACK
COLOR
BL : BLACK RE : RED GR : GRAY
BU : BLUE YE : YELLOW

3 EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.



RECOMMENDED P.C. BOARD PATTERN

(SCALE 2 : 1)

REVISED	EC NO: J2005-3557	DRWN:MNABEI	CHKD:KTOJO	APPR:NUKITA	DESCRIPTION	REV
	2005/06/06	2005/06/07	2005/06/10			
						K

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.3
30 OVER	±0.4
ANGULAR ±3 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	
MM ONLY	4:1	METRIC	THIRD ANGLE PROJECTION

DRAWN BY	DATE
H.HIRAMOTO	'89/04/03
CHECKED BY	DATE
M.FUKUSHIMA	'94/04/20
APPROVED BY	DATE
M.FUKUSHIMA	'94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-5566-002	1 OF 5

5566-N***-*-* MODEL NO.

SIZE A3

10	9	8	7	6	5	4	3	2	1	
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
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-310		5566-NAGS2-310		5566-NAGS-310		5566-NAS-310		5566-NA-310		
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
↑ -5227	↑ -22APB-210	↑ -9225	↑ -22AGS2-210	↑ -6228	↑ -22AGS-210	↑ -6222	↑ -22AS-210	↑ -8220	↑ -22A-210	22
-5207	-20APB-210	-9205	-20AGS2-210	-6208	-20AGS-210	-6202	-20AS-210	-8200	-20A-210	20
-5187	-18APB-210	-9185	-18AGS2-210	-6188	-18AGS-210	-6182	-18AS-210	-8180	-18A-210	18
-5167	-16APB-210	-9165	-16AGS2-210	-6168	-16AGS-210	-6162	-16AS-210	-8160	-16A-210	16
-5147	-14APB-210	-9145	-14AGS2-210	-6148	-14AGS-210	-6142	-14AS-210	-8140	-14A-210	14
-5127	-12APB-210	-9125	-12AGS2-210	-6128	-12AGS-210	-6122	-12AS-210	-8120	-12A-210	12
-5107	-10APB-210	-9105	-10AGS2-210	-6108	-10AGS-210	-6102	-10AS-210	-8100	-10A-210	10
-5087	-08APB-210	-9085	-08AGS2-210	-6088	-08AGS-210	-6082	-08AS-210	-8080	-08A-210	8
-5067	-06APB-210	-9065	-06AGS2-210	-6068	-06AGS-210	-6062	-06AS-210	-8060	-06A-210	6
↓ -5047	↓ -04APB-210	↓ -9045	↓ -04AGS2-210	↓ -6048	↓ -04AGS-210	↓ -6042	↓ -04AS-210	↓ -8040	↓ -04A-210	4
39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210	39-30-6022	5566-02AS-210	39-28-8020	5566-02A-210	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-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		
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		

REVISED
EC NO: J2005-3557 2005/06/06
DRWN:MNABEI 2005/06/07
CHKD:KTOJO 2005/06/10
APPR:NUKITA
REV K
DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-002
SHEET NO.: 2 OF 5
SIZE: A3

10	9	8	7	6	5	4	3	2	1	
NOT TOOLED	5566-24BGS2-310	NOT TOOLED	5566-24BGS-310	NOT TOOLED	5566-24BS-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24APBS-310	24
↑	↑ -22BGS2-310	↑	↑ -22BGS-310	↑	↑ -22BS-310	↑	↑ -22B-310	↑	↑ -22APBS-310	22
	-20BGS2-310		-20BGS-310		-20BS-310		-20B-310		-20APBS-310	20
	-18BGS2-310		-18BGS-310		-18BS-310		-18B-310		-18APBS-310	18
	-16BGS2-310		-16BGS-310		-16BS-310		-16B-310		-16APBS-310	16
	-14BGS2-310		-14BGS-310		-14BS-310		-14B-310		-14APBS-310	14
	-12BGS2-310		-12BGS-310		-12BS-310		-12B-310		-12APBS-310	12
	-10BGS2-310		-10BGS-310		-10BS-310		-10B-310		-10APBS-310	10
	-08BGS2-310		-08BGS-310		-08BS-310		-08B-310		-08APBS-310	8
	-06BGS2-310		-06BGS-310		-06BS-310		-06B-310		-06APBS-310	6
↓	↓ -04BGS2-310	↓	↓ -04BGS-310	↓	↓ -04BS-310	↓	↓ -04B-310	↓	↓ -04APBS-310	4
NOT TOOLED	5566-02BGS2-310	NOT TOOLED	5566-02BGS-310	NOT TOOLED	5566-02BS-310	NOT TOOLED	5566-02B-310	NOT TOOLED	5566-02APBS-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-310		5566-NBGS-310		5566-NBS-310		5566-NB-310		5566-NAPBS-310		
39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210	24
↑ -9227	↑ -22BGS2-210	↑ -0228	↑ -22BGS-210	↑ -0222	↑ -22BS-210	↑ -0220	↑ -22B-210	↑ -6224	↑ -22APBS-210	22
-9207	-20BGS2-210	-0208	-20BGS-210	-0202	-20BS-210	-0200	-20B-210	-6204	-20APBS-210	20
-9187	-18BGS2-210	-0188	-18BGS-210	-0182	-18BS-210	-0180	-18B-210	-6184	-18APBS-210	18
-9167	-16BGS2-210	-0168	-16BGS-210	-0162	-16BS-210	-0160	-16B-210	-6164	-16APBS-210	16
-9147	-14BGS2-210	-0148	-14BGS-210	-0142	-14BS-210	-0140	-14B-210	-6144	-14APBS-210	14
-9127	-12BGS2-210	-0128	-12BGS-210	-0122	-12BS-210	-0120	-12B-210	-6124	-12APBS-210	12
-9107	-10BGS2-210	-0108	-10BGS-210	-0102	-10BS-210	-0100	-10B-210	-6104	-10APBS-210	10
-9087	-08BGS2-210	-0088	-08BGS-210	-0082	-08BS-210	-0080	-08B-210	-6084	-08APBS-210	8
-9067	-06BGS2-210	-0068	-06BGS-210	-0062	-06BS-210	-0060	-06B-210	-6064	-06APBS-210	6
↓ -9047	↓ -04BGS2-210	↓ -0048	↓ -04BGS-210	↓ -0042	↓ -04BS-210	↓ -0040	↓ -04B-210	↓ -6044	↓ -04APBS-210	4
39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-210		5566-NBGS-210		5566-NBS-210		5566-NB-210		5566-NAPBS-210		
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: J2005-3557 2005/06/06
DRWN:MNABEI 2005/06/07
CHKD:KTOJO 2005/06/10
APPR:NUKITA
DESCRIPTION
REV K

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/04/03
CHECKED BY: M.FUKUSHIMA DATE: '94/04/20
APPROVED BY: M.FUKUSHIMA DATE: '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-002
SHEET NO.: 3 OF 5

SIZE A3

5566-NA-400		5566-NBPBS		5566-NBPB		CKT. SIZE
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	
39-35-0028	5566-02A-400	39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	2
-0048	-04A-400	-0045	-04BPBS	-0043	-04BPB	4
-0068	-06A-400	-0065	-06BPBS	-0063	-06BPB	6
-0088	-08A-400	-0085	-08BPBS	-0083	-08BPB	8
-0108	-10A-400	-0105	-10BPBS	-0103	-10BPB	10
-0128	-12A-400	-0125	-12BPBS	-0123	-12BPB	12
-0148	-14A-400	-0145	-14BPBS	-0143	-14BPB	14
-0168	-16A-400	-0165	-16BPBS	-0163	-16BPB	16
-0188	-18A-400	-0185	-18BPBS	-0183	-18BPB	18
-0208	-20A-400	-0205	-20BPBS	-0203	-20BPB	20
-0228	-22A-400	-0225	-22BPBS	-0223	-22BPB	22
39-35-0248	5566-24A-400	39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	24

5566-NBPBS-210		5566-NBPB-210		CKT. SIZE
EDP NO.	ENG. NO	EDP NO.	ENG. NO	
39-31-0026	5566-02BPBS-210	39-31-0024	5566-02BPB-210	2
-0046	-04BPBS-210	-0044	-04BPB-210	4
-0066	-06BPBS-210	-0064	-06BPB-210	6
-0086	-08BPBS-210	-0084	-08BPB-210	8
-0106	-10BPBS-210	-0104	-10BPB-210	10
-0126	-12BPBS-210	-0124	-12BPB-210	12
-0146	-14BPBS-210	-0144	-14BPB-210	14
-0166	-16BPBS-210	-0164	-16BPB-210	16
-0186	-18BPBS-210	-0184	-18BPB-210	18
-0206	-20BPBS-210	-0204	-20BPB-210	20
-0226	-22BPBS-210	-0224	-22BPB-210	22
39-31-0246	5566-24BPBS-210	39-31-0244	5566-24BPB-210	24

5566-NBPBS-310		5566-NBPB-310		CKT. SIZE
EDP NO.	ENG. NO	EDP NO.	ENG. NO	
NOT TOOLED	5566-02BPBS-310	NOT TOOLED	5566-02BPB-310	2
	-04BPBS-310		-04BPB-310	4
	-06BPBS-310		-06BPB-310	6
	-08BPBS-310		-08BPB-310	8
	-10BPBS-310		-10BPB-310	10
	-12BPBS-310		-12BPB-310	12
	-14BPBS-310		-14BPB-310	14
	-16BPBS-310		-16BPB-310	16
	-18BPBS-310		-18BPB-310	18
	-20BPBS-310		-20BPB-310	20
	-22BPBS-310		-22BPB-310	22
NOT TOOLED	5566-24BPBS-310	NOT TOOLED	5566-24BPB-310	24

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DESCRIPTION
REV K

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	H.HIRAMOTO	DATE '89/04/03
CHECKED BY	M.FUKUSHIMA	DATE '94/04/20
APPROVED BY	M.FUKUSHIMA	DATE '94/04/20

TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-002
SHEET NO.: 4 OF 5
SIZE: A3

										24
										22
										20
										18
						39-33-3169	5566-16A-210-BU	39-33-3168	5566-16A-210-BL	16
										14
										12
				39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-3108	5566-10A-210-BL	10
								39-33-3088	5566-08A-210-BL	8
										6
				39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU			4
		39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL	2
		EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
		5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-210-BL		

										24
										22
										20
										18
				39-33-3166	5566-16A-RE	39-33-3164	5566-16A-BU			16
39-33-3145	5566-14A-GR							39-33-3143	5566-14A-BL	14
				39-33-3126	5566-12A-RE	39-33-3124	5566-12A-BU			12
				39-33-3106	5566-10A-RE	39-33-3104	5566-10A-BU			10
		39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3084	5566-08A-BU	39-33-3083	5566-08A-BL	8
		39-33-3067	5566-06A-YE	39-33-3066	5566-06A-RE	39-33-3064	5566-06A-BU	39-33-3063	5566-06A-BL	6
				39-33-3046	5566-04A-RE	39-33-3044	5566-04A-BU	39-33-3043	5566-04A-BL	4
		39-33-3027	5566-02A-YE	39-33-3026	5566-02A-RE	39-33-3024	5566-02A-BU	39-33-3023	5566-02A-BL	2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU		5566-NA-BL		

REVISED
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APPR:NUKITA
DESCRIPTION
REV K

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR ±--- °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	H.HIRAMOTO	DATE '89/04/03
CHECKED BY	M.FUKUSHIMA	DATE '94/04/20
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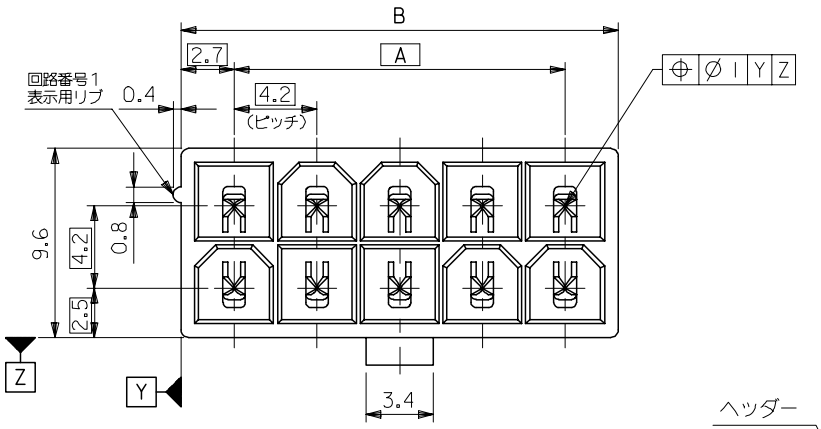
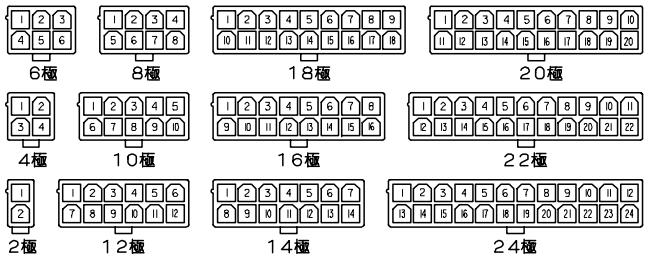
TITLE: NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

MOLEX INCORPORATED

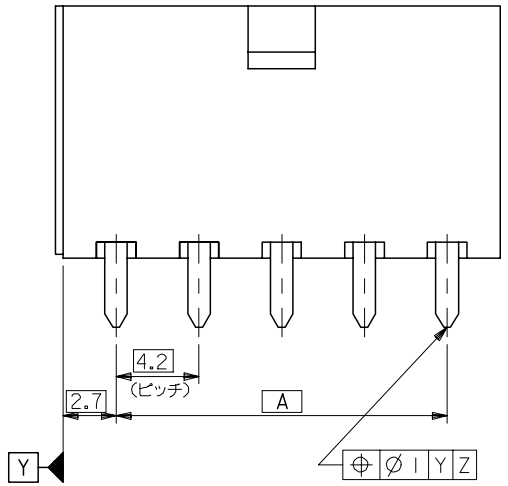
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-002
SHEET NO.: 5 OF 5
SIZE: A3

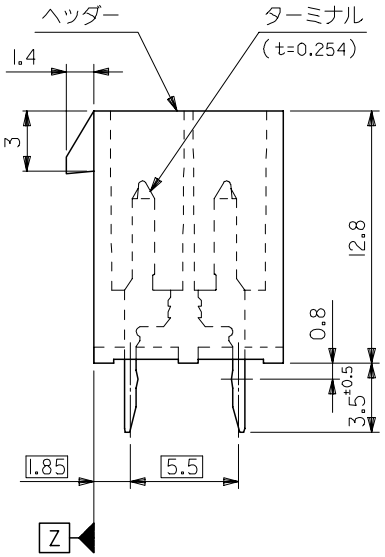


51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
寸法 B	寸法 A	極数



極数別レイアウト図
(SCALE 1 : 1)



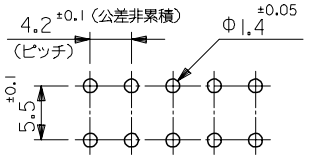


注 記

1. 嵌合相手 : 5557シリーズ
2. 使用符号の説明

5566 - N A * * - * - *

- ベースナンバー
- 極数
- アッセンブリー
- ターミナル材料
  - "BLANK" : 黄銅
  - PB : リン青銅
- ターミナルのメッキ
  - "BLANK" : 錫メッキ 0.9μm MIN.
  - GS : ニッケル 1.27μm MIN. 全面下地
    コンタクト部 金 0.76μm MIN.
    半田付け部 錫 2.54μm MIN.
- ヘッダー材料
  - "BLANK" : ナイロン 66, UL 94V-2
  - 210 : ナイロン 66, UL 94V-0
  - 400 : ナイロン 66, UL 94V-0, 黒
- 色
  - BL : 黒色
  - BU : 青色
  - RE : 赤色
  - YE : 黄色
  - GR : 灰色



基板穴推奨寸法
(SCALE 2 : 1)

REVISED				REV
EC NO: J2006-2418	DRWN:MNABEI	CHKD:KTOYODA	APPR:NUKITA	H
2006/01/30	2006/02/03	2006/02/06		

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.3
30 OVER	±0.4
ANGULAR	±3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: H.HIRAMOTO DATE: '89/05/07			
CHECKED BY: M.FUKUSHIMA DATE: '91/10/29			
APPROVED BY: M.ENOMOTO DATE: '91/10/29			
MATERIAL NO.: SEE CHART			

TITLE: NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

MOLEX INCORPORATED

DOCUMENT NO.: SD-5566-003

SHEET NO.: 1 OF 3

MODEL NO.: 5566-NA**-*-*

SIZE A3

5566-NA-400						
EDP NO.	ENG. NO					極数
39-35-0028	5566-02A-400					2
-0048	-04A-400					4
-0068	-06A-400					6
-0088	-08A-400					8
-0108	-10A-400					10
-0128	-12A-400					12
-0148	-14A-400					14
-0168	-16A-400					16
-0188	-18A-400					18
-0208	-20A-400					20
-0228	-22A-400					22
39-35-0248	5566-24A-400					24

5566-NA-210						
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
39-29-5027	5566-02APB-210	39-29-6028	5566-02AGS-210	39-28-8020	5566-02A-210	2
-5047	-04APB-210	-6048	-04AGS-210	-8040	-04A-210	4
-5067	-06APB-210	-6068	-06AGS-210	-8060	-06A-210	6
-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8
-5107	-10APB-210	-6108	-10AGS-210	-8100	-10A-210	10
-5127	-12APB-210	-6128	-12AGS-210	-8120	-12A-210	12
-5147	-14APB-210	-6148	-14AGS-210	-8140	-14A-210	14
-5167	-16APB-210	-6168	-16AGS-210	-8160	-16A-210	16
-5187	-18APB-210	-6188	-18AGS-210	-8180	-18A-210	18
-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20
-5227	-22APB-210	-6228	-22AGS-210	-8220	-22A-210	22
39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24

5566-NA						
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
39-29-5026	5566-02APB	39-29-0023	5566-02AGS	39-28-1023	5566-02A	2
-5046	-04APB	-0043	-04AGS	-1043	-04A	4
-5066	-06APB	-0063	-06AGS	-1063	-06A	6
-5086	-08APB	-0083	-08AGS	-1083	-08A	8
-5106	-10APB	-0103	-10AGS	-1103	-10A	10
-5126	-12APB	-0123	-12AGS	-1123	-12A	12
-5146	-14APB	-0143	-14AGS	-1143	-14A	14
-5166	-16APB	-0163	-16AGS	-1163	-16A	16
-5186	-18APB	-0183	-18AGS	-1183	-18A	18
-5206	-20APB	-0203	-20AGS	-1203	-20A	20
-5226	-22APB	-0223	-22AGS	-1223	-22A	22
39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24

REVISED
EC NO: J2006-2418 2006/01/30
DRWN:MNABEI 2006/02/03
CHKD:KTOYODA
APPR:NUKITA 2006/02/06
DESCRIPTION
REV
H

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/05/07
CHECKED BY: M.FUKUSHIMA DATE: '91/10/29
APPROVED BY: M.ENOMOTO DATE: '91/10/29

TITLE: NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-003
SHEET NO.: 2 OF 3

SIZE A3

										24
										22
										20
										18
						39-33-3169	5566-16A-210-BU	39-33-3168	5566-16A-210-BL	16
										14
										12
				39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-3108	5566-10A-210-BL	10
								39-33-3088	5566-08A-210-BL	8
										6
				39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU			4
		39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL	2
		EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	極数
		5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-210-BL		

										24
										22
										20
										18
				39-33-3166	5566-16A-RE	39-33-3164	5566-16A-BU			16
39-33-3145	5566-14A-GR							39-33-3143	5566-14A-BL	14
				39-33-3126	5566-12A-RE	39-33-3124	5566-12A-BU			12
				39-33-3106	5566-10A-RE	39-33-3104	5566-10A-BU			10
		39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3084	5566-08A-BU			8
		39-33-3067	5566-06A-YE	39-33-3066	5566-06A-RE	39-33-3064	5566-06A-BU			6
				39-33-3046	5566-04A-RE	39-33-3044	5566-04A-BU	39-33-3043	5566-04A-BL	4
		39-33-3027	5566-02A-YE	39-33-3026	5566-02A-RE	39-33-3024	5566-02A-BU	39-33-3023	5566-02A-BL	2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	極数
5566-NA-GR		5566-NA-YE		5566-NA-RE		5566-NA-BU		5566-NA-BL		

REVISED
EC NO: J2006-2418 2006/01/30
DRWN:MNABEI 2006/02/03
CHKD:KTOYODA
APPR:NUKITA 2006/02/06
DESCRIPTION
REV H

GENERAL TOLERANCES (UNLESS SPECIFIED)

10 UNDER	±---
10 OVER 30 UNDER	±---
30 OVER	±---
ANGULAR	±--- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: ---
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: H.HIRAMOTO DATE: '89/05/07
CHECKED BY: M.FUKUSHIMA DATE: '91/10/29
APPROVED BY: M.ENOMOTO DATE: '91/10/29

TITLE: NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

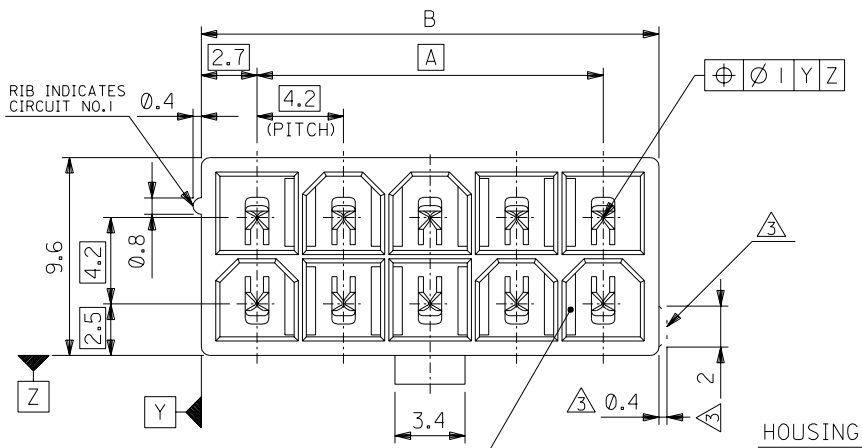
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5566-003
SHEET NO.: 3 OF 3

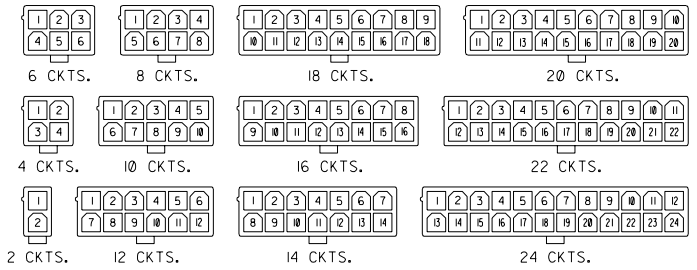
SIZE A3

DWG. NO. SD-5566-N***-*

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

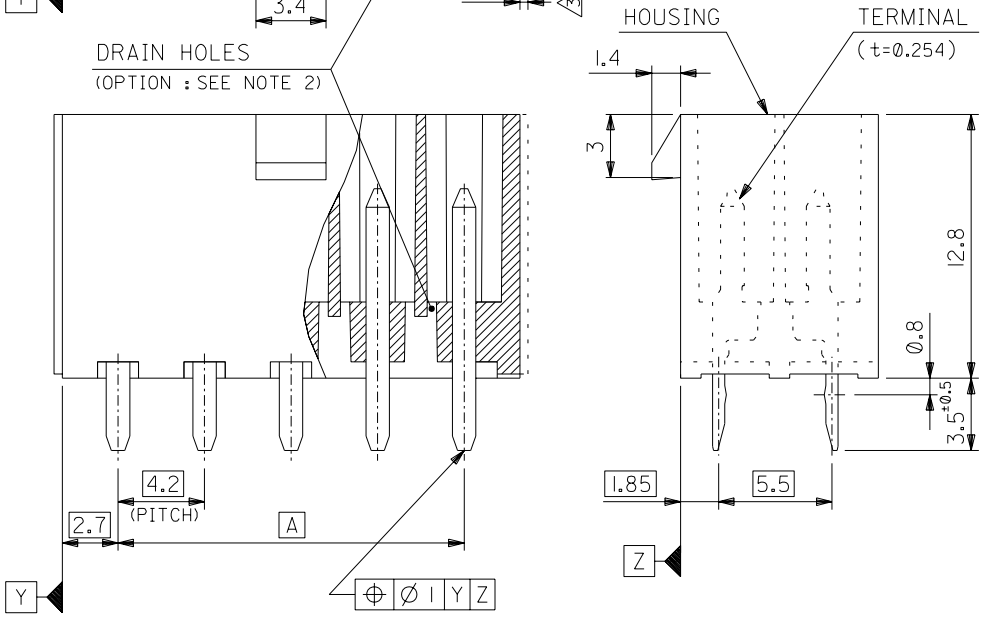


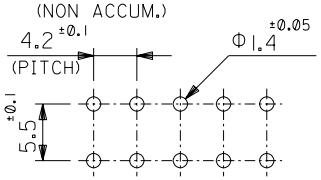
51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
DIM. B	DIM. A	CKT. SIZE



CIRCUIT SIZE LAYOUT

(SCALE 1 : 1)





RECOMMENDED P.C. BOARD PATTERN

(SCALE 2 : 1)

NOTES

1. MATE WITH : 5557 SERIES
2. LEGEND

5566 - N * * * - *

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 0.9μm MIN. OVER COPPER 0.5μm MIN. (BRASS)
TIN 0.9μm MIN. REFLOW TREATMENT
OR BRIGHT TIN 0.9μm MIN. (PHOSPHOR BRONZE)
S : BRIGHT TIN 2.54μm MIN. OVER NICKEL 1.27μm MIN.
GS : SELECT GOLD 0.76μm MIN. AND SELECT PURE TIN 2.54μm MIN.
OVER NICKEL 1.27μm MIN.
GS2 : SELECT GOLD 0.38μm MIN. AND SELECT PURE TIN 2.54μm MIN.
OVER NICKEL 1.27μm MIN.
HOUSING MATERIAL
"BLANK" : NYLON 66, UL94V-2
210 : NYLON 66, UL94V-0
310 : G.F. 30% PCT, UL94V-0
400 : NYLON 66, UL94V-0, BLACK

3 EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.

5566-N***-*		J	REVISED (J2004-4416)	M.N K.T	'04/5/25
MODEL NO.		H	REVISED (J40308)	H.H M.F	'94/4/19
角度 ANGLE	±3°	G	REVISED (J10190)	H.H Y.Y	'91/3/7
30 以上 OVER	±0.4 ±0.3	F	REVISED (J00638)	H.H Y.Y	'90/6/8
10 以上 30 未満 OVER UNDER	±0.3 ±0.25	E	REVISED (J90681)	H.H Y.Y	'89/8/25
10 未満 UNDER	±0.2	D	REVISED & REDRAWN (J90237)	H.H Y.Y	'89/4/3
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE

材料 MATERIAL	SEE NOTE 2
仕上げ FINISH	SEE NOTE 2
適用電線範囲 WIRE RANGE	
被覆外径 INS. RANGE	
DRAWN BY '89/4/3 H.HIRAMOTO	CHK'D BY '94/4/20 M.FUKUSHIMA
APP'D BY '94/4/20 M.FUKUSHIMA	尺度 SCALE 4 : 1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称

NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

DWG. NO. SD-5566-N***-* SHEET 1 OF 4 REV J

5566.531

EN-0IC(032)MXJ-32

8	7	6	5	4	3	2	1	
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
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NAPB-310		5566-NAGS2-310		5566-NAGS-310		5566-NAS-310		5566-NA-310		
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
-5227	-22APB-210	-9225	-22AGS2-210	-6228	-22AGS-210	-6222	-22AS-210	-8220	-22A-210	22
-5207	-20APB-210	-9205	-20AGS2-210	-6208	-20AGS-210	-6202	-20AS-210	-8200	-20A-210	20
-5187	-18APB-210	-9185	-18AGS2-210	-6188	-18AGS-210	-6182	-18AS-210	-8180	-18A-210	18
-5167	-16APB-210	-9165	-16AGS2-210	-6168	-16AGS-210	-6162	-16AS-210	-8160	-16A-210	16
-5147	-14APB-210	-9145	-14AGS2-210	-6148	-14AGS-210	-6142	-14AS-210	-8140	-14A-210	14
-5127	-12APB-210	-9125	-12AGS2-210	-6128	-12AGS-210	-6122	-12AS-210	-8120	-12A-210	12
-5107	-10APB-210	-9105	-10AGS2-210	-6108	-10AGS-210	-6102	-10AS-210	-8100	-10A-210	10
-5087	-08APB-210	-9085	-08AGS2-210	-6088	-08AGS-210	-6082	-08AS-210	-8080	-08A-210	8
-5067	-06APB-210	-9065	-06AGS2-210	-6068	-06AGS-210	-6062	-06AS-210	-8060	-06A-210	6
-5047	-04APB-210	-9045	-04AGS2-210	-6048	-04AGS-210	-6042	-04AS-210	-8040	-04A-210	4
39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210	39-29-6028	5566-02AGS-210	39-30-6022	5566-02AS-210	39-28-8020	5566-02A-210	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-210		5566-NAGS2-210		5566-NAGS-210		5566-NAS-210		5566-NA-210		
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		

DWG. NO. SD-5566-N***-*

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-N***-*	J	SEE SHEET 1 OF 4	M.N / K.T	'04/5/25	
MODEL NO.	H	SEE SHEET 1 OF 4	H.H / M.F	'94/4/19	
角度 ANGLE ±3°	G	SEE SHEET 1 OF 4	H.H / Y.Y	'91/3/7	
30以上 OVER ±0.3	F	SEE SHEET 1 OF 4	H.H / Y.Y	'90/6/8	
10以上 30未満 OVER UNDER ±0.25	E	SEE SHEET 1 OF 4	H.H / Y.Y	'89/8/25	
10未満 UNDER ±0.2	D	SEE SHEET 1 OF 4	H.H / Y.Y	'89/4/3	
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. / CHK.	日付 DATE	

材料 MATERIAL SEE NOTE 2

仕上げ FINISH SEE NOTE 2

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '89/4/3 H.HIRAMOTO | CHK'D BY '94/4/20 M.FUKUSHIMA

APP'D BY '94/4/20 M.FUKUSHIMA | 尺度 SCALE

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称
NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

DWG. NO. SD-5566-N***-* | SHEET 2 OF 4 | REV J

5566.532

EN-01C(032)MXJ-32

8	7	6	5	4	3	2	1	
NOT TOOLED	5566-24BGS2-310	NOT TOOLED	5566-24BGS-310	NOT TOOLED	5566-24BS-310	NOT TOOLED	5566-24B-310	NOT TOOLED	5566-24APBS-310	24
↑	-22BGS2-310	↑	-22BGS-310	↑	-22BS-310	↑	-22B-310	↑	-22APBS-310	22
	-20BGS2-310		-20BGS-310		-20BS-310		-20B-310		-20APBS-310	20
	-18BGS2-310		-18BGS-310		-18BS-310		-18B-310		-18APBS-310	18
	-16BGS2-310		-16BGS-310		-16BS-310		-16B-310		-16APBS-310	16
	-14BGS2-310		-14BGS-310		-14BS-310		-14B-310		-14APBS-310	14
	-12BGS2-310		-12BGS-310		-12BS-310		-12B-310		-12APBS-310	12
	-10BGS2-310		-10BGS-310		-10BS-310		-10B-310		-10APBS-310	10
	-08BGS2-310		-08BGS-310		-08BS-310		-08B-310		-08APBS-310	8
	-06BGS2-310		-06BGS-310		-06BS-310		-06B-310		-06APBS-310	6
↓	-04BGS2-310	↓	-04BGS-310	↓	-04BS-310	↓	-04B-310	↓	-04APBS-310	4
NOT TOOLED	5566-02BGS2-310	NOT TOOLED	5566-02BGS-310	NOT TOOLED	5566-02BS-310	NOT TOOLED	5566-02B-310	NOT TOOLED	5566-02APBS-310	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-310		5566-NBGS-310		5566-NBS-310		5566-NB-310		5566-NAPBS-310		
39-30-9247	5566-24BGS2-210	39-31-0248	5566-24BGS-210	39-31-0242	5566-24BS-210	39-31-0240	5566-24B-210	39-30-6244	5566-24APBS-210	24
↑ -9227	-22BGS2-210	↑ -0228	-22BGS-210	↑ -0222	-22BS-210	↑ -0220	-22B-210	↑ -6224	-22APBS-210	22
-9207	-20BGS2-210	-0208	-20BGS-210	-0202	-20BS-210	-0200	-20B-210	-6204	-20APBS-210	20
-9187	-18BGS2-210	-0188	-18BGS-210	-0182	-18BS-210	-0180	-18B-210	-6184	-18APBS-210	18
-9167	-16BGS2-210	-0168	-16BGS-210	-0162	-16BS-210	-0160	-16B-210	-6164	-16APBS-210	16
-9147	-14BGS2-210	-0148	-14BGS-210	-0142	-14BS-210	-0140	-14B-210	-6144	-14APBS-210	14
-9127	-12BGS2-210	-0128	-12BGS-210	-0122	-12BS-210	-0120	-12B-210	-6124	-12APBS-210	12
-9107	-10BGS2-210	-0108	-10BGS-210	-0102	-10BS-210	-0100	-10B-210	-6104	-10APBS-210	10
-9087	-08BGS2-210	-0088	-08BGS-210	-0082	-08BS-210	-0080	-08B-210	-6084	-08APBS-210	8
-9067	-06BGS2-210	-0068	-06BGS-210	-0062	-06BS-210	-0060	-06B-210	-6064	-06APBS-210	6
↓ -9047	-04BGS2-210	↓ -0048	-04BGS-210	↓ -0042	-04BS-210	↓ -0040	-04B-210	↓ -6044	-04APBS-210	4
39-30-9027	5566-02BGS2-210	39-31-0028	5566-02BGS-210	39-31-0022	5566-02BS-210	39-31-0020	5566-02B-210	39-30-6024	5566-02APBS-210	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5566-NBGS2-210		5566-NBGS-210		5566-NBS-210		5566-NB-210		5566-NAPBS-210		
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		

DWG. NO. SD-5566-N***-*

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-N***-*	J	SEE SHEET 1 OF 4	M.N K.T	'04/5/25	
MODEL NO.	H	SEE SHEET 1 OF 4	H.H M.F	'94/4/19	
角度 ANGLE ±3°	G	SEE SHEET 1 OF 4	H.H Y.Y	'91/3/7	
30以上 OVER ±0.3	F	SEE SHEET 1 OF 4	H.H Y.Y	'90/6/8	
10以上 30未満 OVER UNDER ±0.25	E	SEE SHEET 1 OF 4	H.H Y.Y	'89/8/25	
10未満 UNDER ±0.2	D	SEE SHEET 1 OF 4	H.H Y.Y	'89/4/3	
一般公差 GENERAL TOLERANCES	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	

材料 MATERIAL: SEE NOTE 2

仕上げ FINISH: SEE NOTE 2

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '89/4/3 H.HIRAMOTO | CHK'D BY '94/4/20 M.FUKUSHIMA

APP'D BY '94/4/20 M.FUKUSHIMA | 尺度 SCALE

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称

NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

DWG. NO. SD-5566-N***-* | SHEET 3 OF 4 | REV J

5566.533

EN-01C(032)MXJ-32

				NOT TOOLED	5566-24BPBS-310	24
				↑	↑ -22BPBS-310	22
					-20BPBS-310	20
					-18BPBS-310	18
					-16BPBS-310	16
					-14BPBS-310	14
					-12BPBS-310	12
					-10BPBS-310	10
					-08BPBS-310	8
					-06BPBS-310	6
				↓	↓ -04BPBS-310	4
				NOT TOOLED	5566-02BPBS-310	2
				EDP NO.	ENG. NO	CKT. SIZE
				5566-NBPBS-310		
				39-31-0246	5566-24BPBS-210	24
				↑ -0226	↑ -22BPBS-210	22
				-0206	-20BPBS-210	20
				-0186	-18BPBS-210	18
				-0166	-16BPBS-210	16
				-0146	-14BPBS-210	14
				-0126	-12BPBS-210	12
				-0106	-10BPBS-210	10
				-0086	-08BPBS-210	8
				-0066	-06BPBS-210	6
				↓ -0046	↓ -04BPBS-210	4
				39-31-0026	5566-02BPBS-210	2
				EDP NO.	ENG. NO	CKT. SIZE
				5566-NBPBS-210		
39-35-0248	5566-24A-400			39-31-0245	5566-24BPBS	24
↑ -0228	↑ -22A-400			↑ -0225	↑ -22BPBS	22
-0208	-20A-400			-0205	-20BPBS	20
-0188	-18A-400			-0185	-18BPBS	18
-0168	-16A-400			-0165	-16BPBS	16
-0148	-14A-400			-0145	-14BPBS	14
-0128	-12A-400			-0125	-12BPBS	12
-0108	-10A-400			-0105	-10BPBS	10
-0088	-08A-400			-0085	-08BPBS	8
-0068	-06A-400			-0065	-06BPBS	6
↓ -0048	↓ -04A-400			↓ -0045	↓ -04BPBS	4
39-35-0028	5566-02A-400			39-31-0025	5566-02BPBS	2
EDP NO.	ENG. NO			EDP NO.	ENG. NO	CKT. SIZE
5566-NA-400				5566-NBPBS		

				24		
5566-N***-*		J	SEE SHEET 1 OF 4	M.N K.T	'04/5/25	
MODEL NO.		H	SEE SHEET 1 OF 4	H.H M.F	'94/4/19	
角度 ANGLE	±3°	G	SEE SHEET 1 OF 4	H.H Y.Y	'91/3/7	
30以上 OVER	±0.3	F	SEE SHEET 1 OF 4	H.H Y.Y	'90/6/8	
10以上 30未満 OVER UNDER	±0.25	E	SEE SHEET 1 OF 4	H.H Y.Y	'89/8/25	
10未満 UNDER	±0.2	D	SEE SHEET 1 OF 4	H.H Y.Y	'89/4/3	
一般公差 GENERAL TOLERANCES		記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE	

材料 MATERIAL SEE NOTE 2

仕上げ FINISH SEE NOTE 2

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '89/4/3 H.HIRAMOTO | CHK'D BY '94/4/20 M.FUKUSHIMA

APP'D BY '94/4/20 M.FUKUSHIMA | 尺度 SCALE

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

REVISE ONLY ON CAD SYSTEM

TITLE 名称

NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-

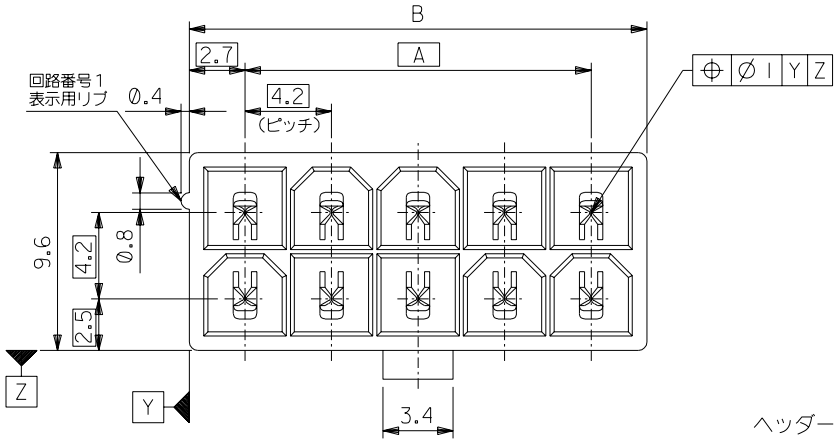
DWG. NO. SD-5566-N***-* | SHEET 4 OF 4 | REV J

DWG. NO. SD-5566-N***-*

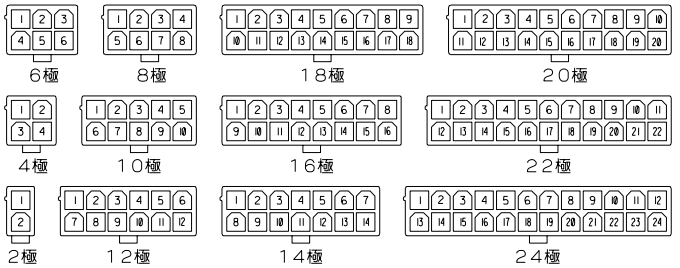
:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

EN-01C(032)MXJ-32

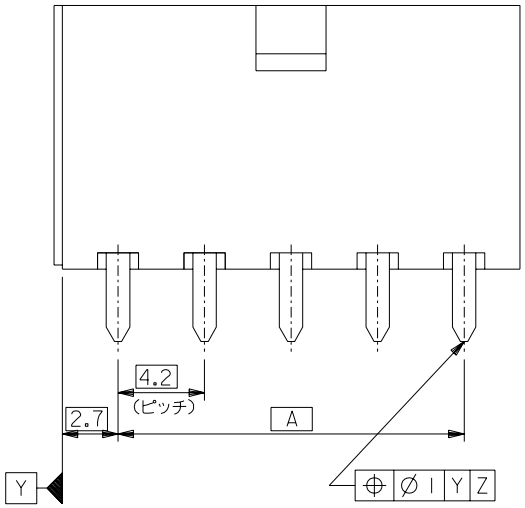
5566.534

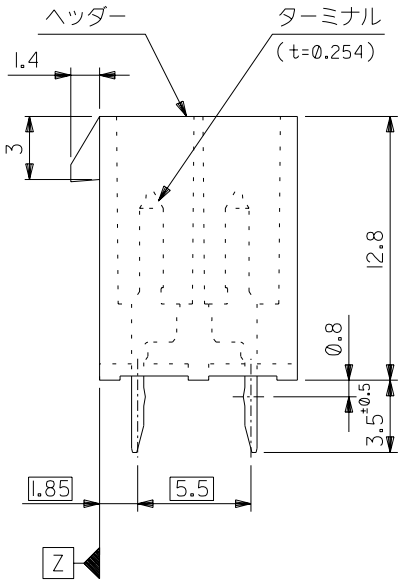


51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
寸法 B	寸法 A	極数



極数別レイアウト図
(SCALE 1 : 1)



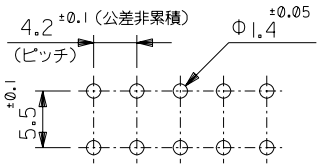


注 記

1. 嵌合相手 : 5557シリーズ
2. 使用符号の説明

5566 - N A * * - *

- ベースナンバー
- 極数
- アッセンブリー
- ターミナル材料
  - "BLANK" : 黄銅
  - PB : リン青銅
- ターミナルのメッキ
  - "BLANK" : 錫メッキ 0.9μm MIN.
  - GS : ニッケル 1.27μm MIN. 全面下地
    コンタクト部 金 0.76μm MIN.
    半田付け部 錫 2.54μm MIN.
- ヘッダー材料
  - "BLANK" : ナイロン 66, UL 94V-2
  - 210 : ナイロン 66, UL 94V-0
  - 400 : ナイロン 66, UL 94V-0, 黒



基板穴推奨寸法
(SCALE 2 : 1)

角度 ANGLE	±3°	F	変更 (J2004-4431)	M.N K.T	'04/5/26
30以上 OVER	±0.4 ~~±0.3~~	E	変更 (J00638)	H.H	'90/6/8
10以上 30未満 OVER UNDER	±0.3 ~~±0.25~~	D	変更&再作図 (J00510)	H.H Y.Y	'90/5/7
10未満 UNDER	±0.2	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
一般公差 GENERAL TOLERANCES		REVISE ONLY ON CAD SYSTEM			

材料 MATERIAL	注記 2 参照
仕上げ FINISH	注記 2 参照
適用電線範囲 WIRE RANGE	
被覆外径 INS. RANGE	
DRAWN BY '89/5/7 H.HIRAMOTO	CHK'D BY '91/10/29 M.FUKUSHIMA
APP'D BY '91/10/29 M.ENOMOTO	尺度 SCALE 4 - 1

MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

EDP. NO. SHEET 2 OF 2 参照

ENG. NO. SD-5566-NA**-* | SHEET 1 OF 2 | REV F

TITLE 名称
NEW MINI FIT CONNECTOR
HEADER ASS'Y -LEAD FREE-

5566-NA**-*
MODEL NO.

5566.521 A

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
↓ -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
-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
-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
EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	極数
5566-NAPB		5566-NAGS		5566-NA		

ENG. NO SD-5566-NA**-*

EDP NO. 表 参照

:MM DIMENSIONS IN METRIC DO NOT SCALE DRAWING

5566-NA**-*

MODEL NO.

角度 ANGLE	±3°	F	SEE SHEET 1 OF 2	M.N K.T	'04/5/26
30 以上 OVER	±0.3	E	SEE SHEET 1 OF 2	H.H	'90/6/8
10 以上 30 未満 OVER UNDER	±0.25	D	SEE SHEET 1 OF 2	H.H Y.Y	'90/5/7
10 未満 UNDER	±0.2	記号 LTR	変更内容 REVISION RECORD	DR. CHK.	日付 DATE
一般公差 GENERAL TOLERANCES		REVISE ONLY ON CAD SYSTEM			

材料 MATERIAL 注記 2 参照

仕上げ FINISH 注記 2 参照

適用電線範囲 WIRE RANGE

被覆外径 INS. RANGE

DRAWN BY '90/5/7 H.HIRAMOTO

CHK'D BY '91/10/29 M.FUKUSHIMA

APP'D BY '91/10/29 M.ENOMOTO

尺度 SCALE

molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社

EDP. NO. 表 参照

ENG. NO. SD-5566-NA**-* SHEET 2 OF 2 REV F

TITLE 名称 NEW MINI FIT CONNECTOR HEADER ASS'Y -LEAD FREE-

5566.522 A

MXJ-8