

Product Name	Cross-Ref	Catalog	Literature	Industries	Standards	Contact Us	About Us	Investors	Careers
<a href="#">Connectors</a>	<a href="#">Sockets</a>	<a href="#">I/O Connectors</a>	<a href="#">Cable Assemblies</a>	<a href="#">Fiber Optics</a>	<a href="#">Printed Circuit Products</a>	<a href="#">Automation and Electrical</a>	<a href="#">And More...</a>		

Switch Language

English 

Need Assistance?

[Contact Us](#)  
[Find a Distributor](#)  
[Order Samples](#)  
[Tech Library](#)

[Printer-friendly page](#)

[Email this page](#)

[Home](#) [PCB Headers](#) [Datasheet](#)

Part Number: **0039281123**

Status: **Active** Overview: **Mini-Fit Jr.™**

**Description:** 4.20mm (.165") Pitch Mini-Fit Jr.™ Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 12 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, without Drain Holes

**Documents:**

*Note - Please disable browser pop-up blockers for documents on [www.molex.com](http://www.molex.com)*

- [Drawing \(PDF\)](#)
- [Product Specification PS-5557-003 \(PDF\)](#)
- [Product Specification PS-5557-015 \(PDF\)](#)
- [3D Model](#)
- [Related Catalog Page \(PDF\)](#)

**Order Products:**

- [Check Distributor Inventory](#)
- [Add to My Parts](#)
- [Request Samples](#)

**Part Detail:** [\(show all\)](#)

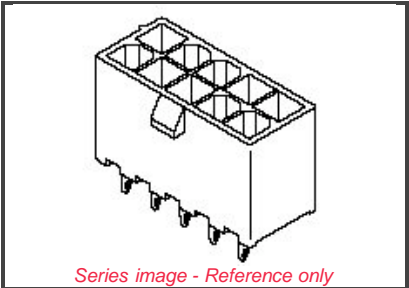
[General](#) [Physical](#) [Electrical](#) [Material Info](#)

**General**

Product Family	PCB Headers
Series	<b>5566</b>
Application	Wire-to-Board
Comments	Glow Wire Equivalent Part Number <b>50361886</b>
Overview	Square Pin, Solder Type
Product Name	<b>Mini-Fit Jr.™</b>

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles) min	30 cycles
First Mate / Last Break	No
Flammability	94V-0
Flammability	94V-2
Guide to Mating Part	No
Keying to mating part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.80 mm



**EU RoHS**  
**ELV and RoHS Compliant**

**China RoHS**



**Need more information on product compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[5566](#) Series

**Mates With**

[5557](#) Mini-Fit Jr.™ Receptacle Housing

Packaging Type	Tray
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm
Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm
Plating min: Mating (uin)	35
Plating min: Mating (um)	0.90
Plating min: Termination (uin)	100
Plating min: Termination (um)	2.50
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	None
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

CSA	LR19980
Current - Maximum	6.000 Amp
TUV	R75142
UL	E29179
Voltage - Maximum	600V

**Material Info**

Old Part Number	5566-12A
-----------------	----------

**Reference - Drawing Numbers**

Product Specification	PS-5557-003
Product Specification	PS-5557-015
Sales Drawing	SD-5566-002
Sales Drawing	SD-5566-003
Sales Drawing	SD-5566-N***-*
Sales Drawing	SD-5566-NA**-*

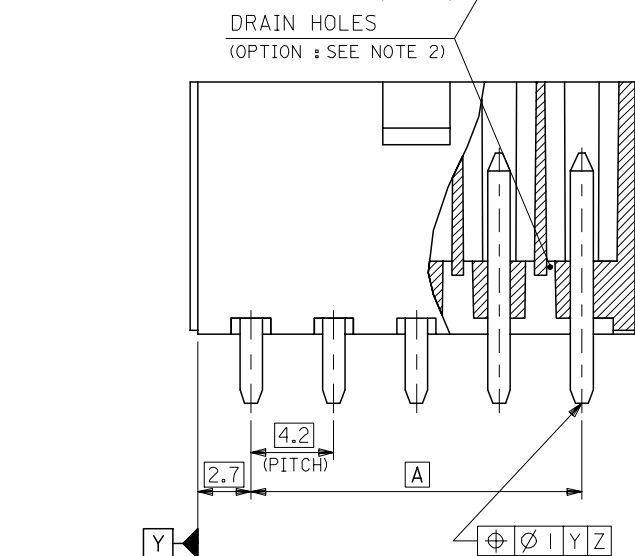


Figure 1 illustrates the number of CXTs (Control Execution Time) for different numbers of nodes (2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24). The diagrams show the layout of nodes and the corresponding CXT values.

Number of Nodes	CXTs
2	2
4	6
6	8
8	18
10	20
12	4
14	10
16	16
18	22
20	24
22	24
24	24

## NOTES

- 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 OR PACKAGING \_\_\_\_\_  
     BL : BLACK              RE : RED              GR : GRAY  
     BU : BLUE              YE : YELLOW  
     TA : TRAY PACKAGING FOR TRAYS (IN US)
- 8566-N\*\*\*-\*\*\*

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

5566-N\*\*\*-\*-\*

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

MOLEX INCORPORATED

SERIAL NO.	DOCUMENT NO.
SEE TABLE	SD-5566-002

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION


EN-02JA(021)

	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	2007/03/07	2007/03/09	CHKDK TOYODA	APPR: NUKITA	2007/03/12	DESCRIPTION	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	NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-  MOLEX INCORPORATED		
										10 OVER 30 UNDER	± ---	CHECKED BY M. FUKUSHIMA	DATE '94/04/20			
										30 OVER	± ---	APPROVED BY M. FUKUSHIMA	DATE '94/04/20			
										ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		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	9	8	7	6	5	4	3	2	EN-02JA(021)
Rev. D 2004/04/02									

	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		↑ -0208		↑ -0202		↑ -0200		↑ -6204	20	
	↑ -9187		↑ -0188		↑ -0182		↑ -0180		↑ -6184	18	
	↑ -9167		↑ -0168		↑ -0162		↑ -0160		↑ -6164	16	
	↑ -9147		↑ -0148		↑ -0142		↑ -0140		↑ -6144	14	
	↑ -9127		↑ -0128		↑ -0122		↑ -0120		↑ -6124	12	
	↑ -9107		↑ -0108		↑ -0102		↑ -0100		↑ -6104	10	
	↑ -9087		↑ -0088		↑ -0082		↑ -0080		↑ -6084	8	
	↑ -9067		↑ -0068		↑ -0062		↑ -0060		↑ -6064	6	
	↓ -9047		↓ -0048		↓ -0042		↓ -0040		↓ -6044	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		↑ -0207		↑ -0201		↑ -3206		↑ -6203	20	
	↑ -9186		↑ -0187		↑ -0181		↑ -3186		↑ -6183	18	
	↑ -9166		↑ -0164		↑ -0161		↑ -3166		↑ -6163	16	
	↑ -9146		↑ -0147		↑ -0141		↑ -3146		↑ -6143	14	
	↑ -9126		↑ -0127		↑ -0121		↑ -3126		↑ -6123	12	
	↑ -9106		↑ -0107		↑ -0101		↑ -3106		↑ -6103	10	
	↑ -9086		↑ -0087		↑ -0081		↑ -3086		↑ -6083	8	
	↑ -9066		↑ -0067		↑ -0061		↑ -3066		↑ -6063	6	
	↓ -9046		↓ -0047		↓ -0041		↓ -3046		↓ -6043	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	DRAWN BY: DRW/NAK/SAI/T001	2007/03/07	CHECKED BY: CHK/KCK/T01/00A	2007/03/09	APPROVED BY: APPR/NUKI/TA	2007/03/12	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
									10 UNDER	± ---	DRAWN BY	DATE	TITLE		
									10 OVER 30 UNDER	± ---	CHECKED BY	DATE	NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-		
									30 OVER	± ---	APPROVED BY	DATE	MOLEX MOLEX INCORPORATED		
									ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		3 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)	
---	---	---	---	---	---	---	---	---	--------------	--

	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													
tb_frame_A3_J_ME_S Rev. D 2004/04/02											9	8	7	6	5	4	3	2	1	EN-02JA(021)

[illegible]

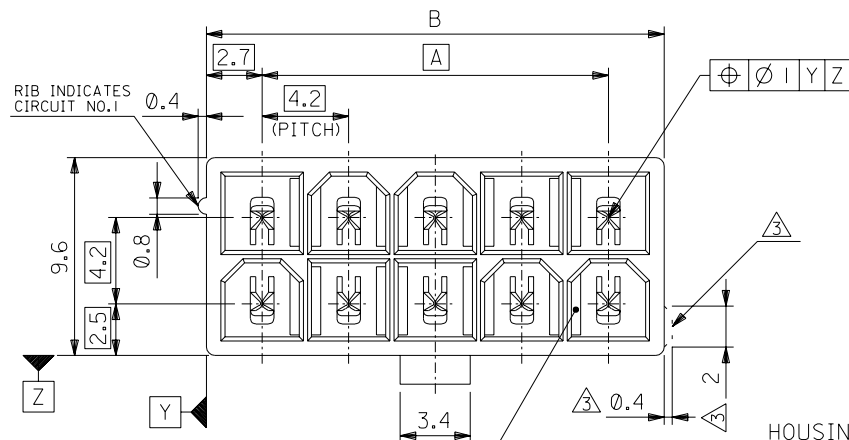
	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																														
F											F																																																																																																																																																																																																																																																																																																													
E											E																																																																																																																																																																																																																																																																																																													
D											D																																																																																																																																																																																																																																																																																																													
C											C																																																																																																																																																																																																																																																																																																													
B											B																																																																																																																																																																																																																																																																																																													
A											A																																																																																																																																																																																																																																																																																																													
<table><tr><td>39-54-0245</td><td>5566-24BGS-210-TA</td><td>39-54-0244</td><td>5566-24B-210-TA</td><td>39-54-0243</td><td>5566-24BGS-TA</td><td>39-54-0242</td><td>5566-24B-TA</td><td>24</td></tr><tr><td>▲ -0225</td><td>▲ -22BGS-210-TA</td><td>▲ -0224</td><td>▲ -22B-210-TA</td><td>▲ -0223</td><td>▲ -22BGS-TA</td><td>▲ -0222</td><td>▲ -22B-TA</td><td>22</td></tr><tr><td>-0205</td><td>-20BGS-210-TA</td><td>-0204</td><td>-20B-210-TA</td><td>-0203</td><td>-20BGS-TA</td><td>-0202</td><td>-20B-TA</td><td>20</td></tr><tr><td>-0185</td><td>-18BGS-210-TA</td><td>-0184</td><td>-18B-210-TA</td><td>-0183</td><td>-18BGS-TA</td><td>-0182</td><td>-18B-TA</td><td>18</td></tr><tr><td>-0165</td><td>-16BGS-210-TA</td><td>-0164</td><td>-16B-210-TA</td><td>-0163</td><td>-16BGS-TA</td><td>-0162</td><td>-16B-TA</td><td>16</td></tr><tr><td>-0145</td><td>-14BGS-210-TA</td><td>-0144</td><td>-14B-210-TA</td><td>-0143</td><td>-14BGS-TA</td><td>-0142</td><td>-14B-TA</td><td>14</td></tr><tr><td>-0125</td><td>-12BGS-210-TA</td><td>-0124</td><td>-12B-210-TA</td><td>-0123</td><td>-12BGS-TA</td><td>-0122</td><td>-12B-TA</td><td>12</td></tr><tr><td>-0105</td><td>-10BGS-210-TA</td><td>-0104</td><td>-10B-210-TA</td><td>-0103</td><td>-10BGS-TA</td><td>-0102</td><td>-10B-TA</td><td>10</td></tr><tr><td>-0085</td><td>-08BGS-210-TA</td><td>-0084</td><td>-08B-210-TA</td><td>-0083</td><td>-08BGS-TA</td><td>-0082</td><td>-08B-TA</td><td>8</td></tr><tr><td>-0065</td><td>-06BGS-210-TA</td><td>-0064</td><td>-06B-210-TA</td><td>-0063</td><td>-06BGS-TA</td><td>-0062</td><td>-06B-TA</td><td>6</td></tr><tr><td>▼ -0045</td><td>▼ -04BGS-210-TA</td><td>▼ -0044</td><td>▼ -04B-210-TA</td><td>▼ -0043</td><td>▼ -04BGS-TA</td><td>▼ -0042</td><td>▼ -04B-TA</td><td>4</td></tr><tr><td>39-54-0025</td><td>5566-02BGS-210-TA</td><td>39-54-0024</td><td>5566-02B-210-TA</td><td>39-54-0023</td><td>5566-02BGS-TA</td><td>39-54-0022</td><td>5566-02B-TA</td><td>2</td></tr><tr><td>EDP NO.</td><td>ENG. NO.</td><td>EDP NO.</td><td>ENG. NO.</td><td>EDP NO.</td><td>ENG. NO.</td><td>EDP NO.</td><td>ENG. NO.</td><td>CKT. SIZE</td></tr><tr><td colspan="2">5566-NBGS-210-TA</td><td colspan="2">5566-NB-210-TA</td><td colspan="2">5566-NBGS-TA</td><td colspan="2">5566-NB-TA</td><td></td></tr></table> <table><tr><td>39-54-0241</td><td>5566-24AGS-210-TA</td><td>39-54-0240</td><td>5566-24AGS-TA</td><td>39-53-9249</td><td>5566-24A-210-TA</td><td>39-53-9248</td><td>5566-24A-TA</td><td>24</td></tr><tr><td>▲ -0221</td><td>▲ -22AGS-210-TA</td><td>▲ -0220</td><td>▲ -22AGS-TA</td><td>▲ -9229</td><td>▲ -22A-210-TA</td><td>▲ -9228</td><td>▲ -22A-TA</td><td>22</td></tr><tr><td>-0201</td><td>-20AGS-210-TA</td><td>-0200</td><td>-20AGS-TA</td><td>-9209</td><td>-20A-210-TA</td><td>-9208</td><td>-20A-TA</td><td>20</td></tr><tr><td>-0181</td><td>-18AGS-210-TA</td><td>-0180</td><td>-18AGS-TA</td><td>-9189</td><td>-18A-210-TA</td><td>-9188</td><td>-18A-TA</td><td>18</td></tr><tr><td>-0161</td><td>-16AGS-210-TA</td><td>-0160</td><td>-16AGS-TA</td><td>-9169</td><td>-16A-210-TA</td><td>-9168</td><td>-16A-TA</td><td>16</td></tr><tr><td>-0141</td><td>-14AGS-210-TA</td><td>-0140</td><td>-14AGS-TA</td><td>-9149</td><td>-14A-210-TA</td><td>-9148</td><td>-14A-TA</td><td>14</td></tr><tr><td>-0121</td><td>-12AGS-210-TA</td><td>-0120</td><td>-12AGS-TA</td><td>-9129</td><td>-12A-210-TA</td><td>-9128</td><td>-12A-TA</td><td>12</td></tr><tr><td>-0101</td><td>-10AGS-210-TA</td><td>-0100</td><td>-10AGS-TA</td><td>-9109</td><td>-10A-210-TA</td><td>-9108</td><td>-10A-TA</td><td>10</td></tr><tr><td>-0081</td><td>-08AGS-210-TA</td><td>-0080</td><td>-08AGS-TA</td><td>-9089</td><td>-08A-210-TA</td><td>-9088</td><td>-08A-TA</td><td>8</td></tr><tr><td>-0061</td><td>-06AGS-210-TA</td><td>-0060</td><td>-06AGS-TA</td><td>-9069</td><td>-06A-210-TA</td><td>-9068</td><td>-06A-TA</td><td>6</td></tr><tr><td>▼ -0041</td><td>▼ -04AGS-210-TA</td><td>▼ -0040</td><td>▼ -04AGS-TA</td><td>▼ -9049</td><td>▼ -04A-210-TA</td><td>▼ -9048</td><td>▼ -04A-TA</td><td>4</td></tr><tr><td>39-54-0021</td><td>5566-02AGS-210-TA</td><td>39-54-0020</td><td>5566-02AGS-TA</td><td>39-53-9029</td><td>5566-02A-210-TA</td><td>39-53-9028</td><td>5566-02A-TA</td><td>2</td></tr><tr><td>EDP NO.</td><td>ENG. NO.</td><td>EDP NO.</td><td>ENG. NO.</td><td>EDP NO.</td><td>ENG. NO.</td><td>EDP NO.</td><td>ENG. NO.</td><td>CKT. SIZE</td></tr><tr><td colspan="2">5566-NAGS-210-TA</td><td colspan="2">5566-NAGS-TA</td><td colspan="2">5566-NA-210-TA</td><td colspan="2">5566-NA-TA</td><td></td></tr></table> <table><tr><td rowspan="7">REVISED EC NO: J2007-2529 DRWNG SAI T001 2007/03/07 CHKDK TOYODA 2007/03/09 APPR: NUKITA 2007/03/12</td><td rowspan="7">DESCRIPTION REV</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE MM ONLY</td><td>SCALE ---</td><td>DESIGN UNITS METRIC</td><td rowspan="5"> THIRD ANGLE PROJECTION</td></tr><tr><td>10 UNDER</td><td>± ---</td><td>DRAWN BY H. HIRAMOTO</td><td>DATE '89/04/03</td><td colspan="3" rowspan="3">TITLE NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-</td></tr><tr><td>10 OVER 30 UNDER</td><td>± ---</td><td>CHECKED BY M. FUKUSHIMA</td><td>DATE '94/04/20</td></tr><tr><td>30 OVER</td><td>± ---</td><td>APPROVED BY M. FUKUSHIMA</td><td>DATE '94/04/20</td></tr><tr><td colspan="2">ANGULAR ± --- °</td><td colspan="2">MATERIAL NO.</td><td colspan="3">DOCUMENT NO.</td></tr><tr><td colspan="2">5566-N*****</td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SEE TABLE</td><td colspan="2">SD-5566-002</td><td>SHEET NO. 6 OF 6</td></tr><tr><td colspan="2">MODEL NO.</td><td colspan="2">L</td><td colspan="2">SIZE A3</td><td colspan="3">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>												39-54-0245	5566-24BGS-210-TA	39-54-0244	5566-24B-210-TA	39-54-0243	5566-24BGS-TA	39-54-0242	5566-24B-TA	24	▲ -0225	▲ -22BGS-210-TA	▲ -0224	▲ -22B-210-TA	▲ -0223	▲ -22BGS-TA	▲ -0222	▲ -22B-TA	22	-0205	-20BGS-210-TA	-0204	-20B-210-TA	-0203	-20BGS-TA	-0202	-20B-TA	20	-0185	-18BGS-210-TA	-0184	-18B-210-TA	-0183	-18BGS-TA	-0182	-18B-TA	18	-0165	-16BGS-210-TA	-0164	-16B-210-TA	-0163	-16BGS-TA	-0162	-16B-TA	16	-0145	-14BGS-210-TA	-0144	-14B-210-TA	-0143	-14BGS-TA	-0142	-14B-TA	14	-0125	-12BGS-210-TA	-0124	-12B-210-TA	-0123	-12BGS-TA	-0122	-12B-TA	12	-0105	-10BGS-210-TA	-0104	-10B-210-TA	-0103	-10BGS-TA	-0102	-10B-TA	10	-0085	-08BGS-210-TA	-0084	-08B-210-TA	-0083	-08BGS-TA	-0082	-08B-TA	8	-0065	-06BGS-210-TA	-0064	-06B-210-TA	-0063	-06BGS-TA	-0062	-06B-TA	6	▼ -0045	▼ -04BGS-210-TA	▼ -0044	▼ -04B-210-TA	▼ -0043	▼ -04BGS-TA	▼ -0042	▼ -04B-TA	4	39-54-0025	5566-02BGS-210-TA	39-54-0024	5566-02B-210-TA	39-54-0023	5566-02BGS-TA	39-54-0022	5566-02B-TA	2	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	5566-NBGS-210-TA		5566-NB-210-TA		5566-NBGS-TA		5566-NB-TA			39-54-0241	5566-24AGS-210-TA	39-54-0240	5566-24AGS-TA	39-53-9249	5566-24A-210-TA	39-53-9248	5566-24A-TA	24	▲ -0221	▲ -22AGS-210-TA	▲ -0220	▲ -22AGS-TA	▲ -9229	▲ -22A-210-TA	▲ -9228	▲ -22A-TA	22	-0201	-20AGS-210-TA	-0200	-20AGS-TA	-9209	-20A-210-TA	-9208	-20A-TA	20	-0181	-18AGS-210-TA	-0180	-18AGS-TA	-9189	-18A-210-TA	-9188	-18A-TA	18	-0161	-16AGS-210-TA	-0160	-16AGS-TA	-9169	-16A-210-TA	-9168	-16A-TA	16	-0141	-14AGS-210-TA	-0140	-14AGS-TA	-9149	-14A-210-TA	-9148	-14A-TA	14	-0121	-12AGS-210-TA	-0120	-12AGS-TA	-9129	-12A-210-TA	-9128	-12A-TA	12	-0101	-10AGS-210-TA	-0100	-10AGS-TA	-9109	-10A-210-TA	-9108	-10A-TA	10	-0081	-08AGS-210-TA	-0080	-08AGS-TA	-9089	-08A-210-TA	-9088	-08A-TA	8	-0061	-06AGS-210-TA	-0060	-06AGS-TA	-9069	-06A-210-TA	-9068	-06A-TA	6	▼ -0041	▼ -04AGS-210-TA	▼ -0040	▼ -04AGS-TA	▼ -9049	▼ -04A-210-TA	▼ -9048	▼ -04A-TA	4	39-54-0021	5566-02AGS-210-TA	39-54-0020	5566-02AGS-TA	39-53-9029	5566-02A-210-TA	39-53-9028	5566-02A-TA	2	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	5566-NAGS-210-TA		5566-NAGS-TA		5566-NA-210-TA		5566-NA-TA			REVISED EC NO: J2007-2529 DRWNG SAI T001 2007/03/07 CHKDK TOYODA 2007/03/09 APPR: NUKITA 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	ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.			5566-N*****		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		SHEET NO. 6 OF 6	MODEL NO.		L		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
39-54-0245	5566-24BGS-210-TA	39-54-0244	5566-24B-210-TA	39-54-0243	5566-24BGS-TA	39-54-0242	5566-24B-TA	24																																																																																																																																																																																																																																																																																																																
▲ -0225	▲ -22BGS-210-TA	▲ -0224	▲ -22B-210-TA	▲ -0223	▲ -22BGS-TA	▲ -0222	▲ -22B-TA	22																																																																																																																																																																																																																																																																																																																
-0205	-20BGS-210-TA	-0204	-20B-210-TA	-0203	-20BGS-TA	-0202	-20B-TA	20																																																																																																																																																																																																																																																																																																																
-0185	-18BGS-210-TA	-0184	-18B-210-TA	-0183	-18BGS-TA	-0182	-18B-TA	18																																																																																																																																																																																																																																																																																																																
-0165	-16BGS-210-TA	-0164	-16B-210-TA	-0163	-16BGS-TA	-0162	-16B-TA	16																																																																																																																																																																																																																																																																																																																
-0145	-14BGS-210-TA	-0144	-14B-210-TA	-0143	-14BGS-TA	-0142	-14B-TA	14																																																																																																																																																																																																																																																																																																																
-0125	-12BGS-210-TA	-0124	-12B-210-TA	-0123	-12BGS-TA	-0122	-12B-TA	12																																																																																																																																																																																																																																																																																																																
-0105	-10BGS-210-TA	-0104	-10B-210-TA	-0103	-10BGS-TA	-0102	-10B-TA	10																																																																																																																																																																																																																																																																																																																
-0085	-08BGS-210-TA	-0084	-08B-210-TA	-0083	-08BGS-TA	-0082	-08B-TA	8																																																																																																																																																																																																																																																																																																																
-0065	-06BGS-210-TA	-0064	-06B-210-TA	-0063	-06BGS-TA	-0062	-06B-TA	6																																																																																																																																																																																																																																																																																																																
▼ -0045	▼ -04BGS-210-TA	▼ -0044	▼ -04B-210-TA	▼ -0043	▼ -04BGS-TA	▼ -0042	▼ -04B-TA	4																																																																																																																																																																																																																																																																																																																
39-54-0025	5566-02BGS-210-TA	39-54-0024	5566-02B-210-TA	39-54-0023	5566-02BGS-TA	39-54-0022	5566-02B-TA	2																																																																																																																																																																																																																																																																																																																
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE																																																																																																																																																																																																																																																																																																																
5566-NBGS-210-TA		5566-NB-210-TA		5566-NBGS-TA		5566-NB-TA																																																																																																																																																																																																																																																																																																																		
39-54-0241	5566-24AGS-210-TA	39-54-0240	5566-24AGS-TA	39-53-9249	5566-24A-210-TA	39-53-9248	5566-24A-TA	24																																																																																																																																																																																																																																																																																																																
▲ -0221	▲ -22AGS-210-TA	▲ -0220	▲ -22AGS-TA	▲ -9229	▲ -22A-210-TA	▲ -9228	▲ -22A-TA	22																																																																																																																																																																																																																																																																																																																
-0201	-20AGS-210-TA	-0200	-20AGS-TA	-9209	-20A-210-TA	-9208	-20A-TA	20																																																																																																																																																																																																																																																																																																																
-0181	-18AGS-210-TA	-0180	-18AGS-TA	-9189	-18A-210-TA	-9188	-18A-TA	18																																																																																																																																																																																																																																																																																																																
-0161	-16AGS-210-TA	-0160	-16AGS-TA	-9169	-16A-210-TA	-9168	-16A-TA	16																																																																																																																																																																																																																																																																																																																
-0141	-14AGS-210-TA	-0140	-14AGS-TA	-9149	-14A-210-TA	-9148	-14A-TA	14																																																																																																																																																																																																																																																																																																																
-0121	-12AGS-210-TA	-0120	-12AGS-TA	-9129	-12A-210-TA	-9128	-12A-TA	12																																																																																																																																																																																																																																																																																																																
-0101	-10AGS-210-TA	-0100	-10AGS-TA	-9109	-10A-210-TA	-9108	-10A-TA	10																																																																																																																																																																																																																																																																																																																
-0081	-08AGS-210-TA	-0080	-08AGS-TA	-9089	-08A-210-TA	-9088	-08A-TA	8																																																																																																																																																																																																																																																																																																																
-0061	-06AGS-210-TA	-0060	-06AGS-TA	-9069	-06A-210-TA	-9068	-06A-TA	6																																																																																																																																																																																																																																																																																																																
▼ -0041	▼ -04AGS-210-TA	▼ -0040	▼ -04AGS-TA	▼ -9049	▼ -04A-210-TA	▼ -9048	▼ -04A-TA	4																																																																																																																																																																																																																																																																																																																
39-54-0021	5566-02AGS-210-TA	39-54-0020	5566-02AGS-TA	39-53-9029	5566-02A-210-TA	39-53-9028	5566-02A-TA	2																																																																																																																																																																																																																																																																																																																
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE																																																																																																																																																																																																																																																																																																																
5566-NAGS-210-TA		5566-NAGS-TA		5566-NA-210-TA		5566-NA-TA																																																																																																																																																																																																																																																																																																																		
REVISED EC NO: J2007-2529 DRWNG SAI T001 2007/03/07 CHKDK TOYODA 2007/03/09 APPR: NUKITA 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																																																																																																																																																																																																																																																																																																																			
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.																																																																																																																																																																																																																																																																																																																		
		5566-N*****		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-5566-002		SHEET NO. 6 OF 6																																																																																																																																																																																																																																																																																																														
		MODEL NO.		L		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. E 2006/04/15	9	8	7	6	5	4	3	2	EN-02JA(021)																																																																																																																																																																																																																																																																																																															



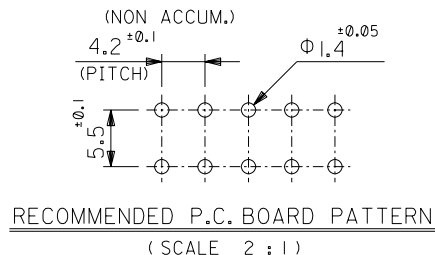
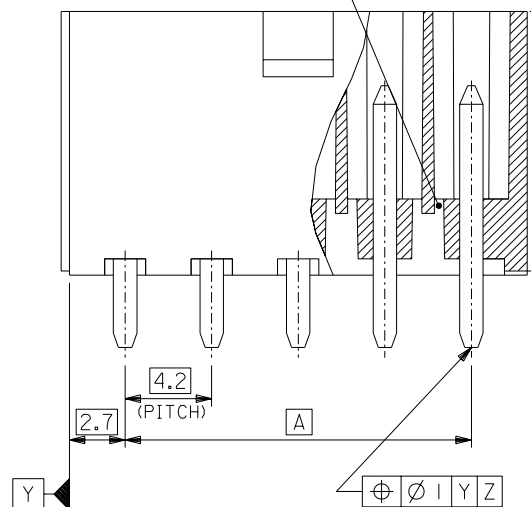


	10	9	8	7	6	5	4	3	2	1					
F									39-35-0248	5566-24A-400	24	F			
									▲-0228	▲-22A-400	22				
									-0208	-20A-400	20				
									-0188	-18A-400	18				
									-0168	-16A-400	16				
									-0148	-14A-400	14				
									-0128	-12A-400	12				
									-0108	-10A-400	10				
									-0088	-08A-400	8				
									-0068	-06A-400	6				
E									▼-0048	▼-04A-400	4	E			
									39-35-0028	5566-02A-400	2				
									EDP NO.	ENG. NO	極数				
									5566-NA-400						
D	39-29-5247	5566-24APB-210	39-29-6248	5566-24AGS-210	39-28-8240	5566-24A-210	24	D							
	▲-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								
C	▼-5047	▼-04APB-210	▼-6048	▼-04AGS-210	▼-8040	▼-04A-210	4	C							
	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										
B	39-29-5246	5566-24APB	39-29-0243	5566-24AGS	39-28-1243	5566-24A	24	B							
	▲-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								
A	▼-5046	▼-04APB	▼-0043	▼-04AGS	▼-1043	▼-04A	4	A							
	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										
REVISED	EC NO: J2006-2418 DRWN: NABE1 CHKD: KTOY00A APPR: NUKITA	2006/01/30 2006/02/03 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									

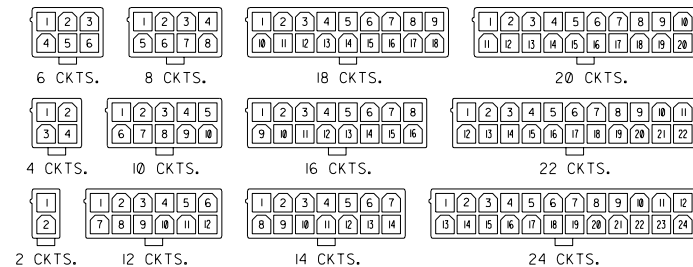
[illegible]



DRAIN HOLES  
(OPTION : SEE NOTE 2)



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

- MATE WITH : 5557 SERIES
- LEGEND

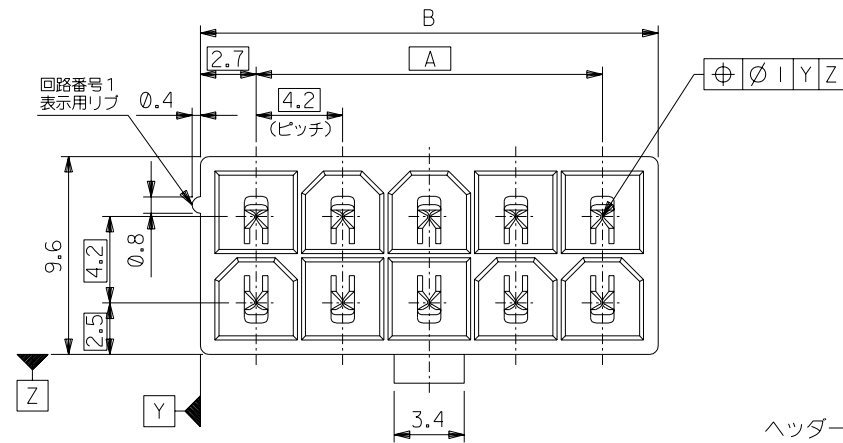
BASE NUMBER \_\_\_\_\_  
CIRCUIT SIZE \_\_\_\_\_  
ASS'Y TYPE \_\_\_\_\_  
A : WITHOUT DRAIN HOLES  
B : WITH DRAIN HOLES  
TERMINAL MATERIAL \_\_\_\_\_  
"BLANK" : BRASS  
PB : PHOSPHOR BRONZE  
TERMINAL PLATING \_\_\_\_\_  
"BLANK" : BRIGHT TIN 0.9μm MIN. OVER COPPER 0.5μm MIN. (BRASS)  
TIN 0.9μm 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  
EXTERNAL RIB APPEARS ON MX-USA PARTS ONLY.

5566-N*****	J	REVISED (J2004-4416)	M.N. K.T.	04/5/25	材料 MATERIAL	SEE NOTE 2	molex MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社
MODEL NO.	H	REVISED (J40308)	H.H. M.F.	94/4/19	仕上げ FINISH	SEE NOTE 2	REVISE ONLY ON CAD SYSTEM
角度 ANGLE	±3°	G	REVISED (J10190)	H.H. Y.Y.	91/3/7	適用電線範囲 WIRE RANGE	TITLE 名称
30°以上 OVER	±0.4	F	REVISED (J00638)	H.H. Y.Y.	90/6/8	被覆外径 INS. RANGE	NEW MINI FIT CONNECTOR HEADER HOUSING ASS'Y -LEAD FREE-
10°以上 30°未満 OVER UNDER	±0.3	E	REVISED (J90681)	H.H. Y.Y.	89/8/25	DRAWN BY '89/4/3 H.HIRAMOTO	CHK'D BY '94/4/20 M.FUKUSHIMA
10°未満 UNDER	±0.2	D	REVISED & REDRAWN (J90237)	H.H. Y.Y.	89/4/3	APP'D BY '94/4/20 M.FUKUSHIMA	DR. DATE
一般公差 GENERAL TOLERANCES	LTR	変更内容 REVISION RECORD	DR. CHK.	DATE	尺度 SCALE 4:1	DWG. NO. SD-5566-N*****	SHEET 1 OF 4 REV J

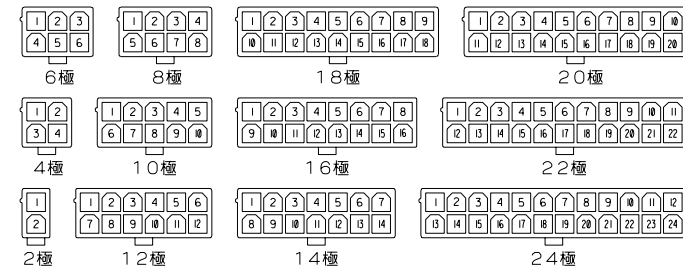
		8		7		6		5		4		3		2		1	
DWG. NO. SD-5566-N*****	NOT	TOOLED	5566-24APB-310	NOT	TOOLED	5566-24AGS2-310	NOT	TOOLED	5566-24AGS-310	NOT	TOOLED	5566-24AS-310	NOT	TOOLED	5566-24A-310	24	
		▲	▲ -22APB-310		▲	▲ -22AGS2-310		▲	▲ -22AGS-310		▲	▲ -22AS-310		▲	▲ -22A-310	22	
			-20APB-310			-20AGS2-310			-20AGS-310			-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		
E	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	
D	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		-20AGS2-210		-6208		-20AGS-210		-8200		-20A-210			20		
		-5187		-18AGS2-210		-6188		-18AGS-210		-8180		-18A-210			18		
		-5167		-16AGS2-210		-6168		-16AGS-210		-8160		-16A-210			16		
		-5147		-14AGS2-210		-6148		-14AGS-210		-8140		-14A-210			14		
		-5127		-12AGS2-210		-6128		-12AGS-210		-8120		-12A-210			12		
		-5107		-10AGS2-210		-6108		-10AGS-210		-8100		-10A-210			10		
		-5087		-08AGS2-210		-6088		-08AGS-210		-8080		-08A-210			8		
C		-5067		-06AGS2-210		-6068		-06AGS-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.				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		-20AGS2		-0203		-20AGS		-1203		-20A			20		
		-5186		-18AGS2		-0183		-18AGS		-1183		-18A			18		
		-5166		-16AGS2		-0163		-16AGS		-1163		-16A			16		
B		-5146		-14AGS2		-0143		-14AGS		-1143		-14A			14		
		-5126		-12AGS2		-0123		-12AGS		-1123		-12A			12		
		-5106		-10AGS2		-0103		-10AGS		-1103		-10A			10		
		-5086		-08AGS2		-0083		-08AGS		-1083		-08A			8		
		-5066		-06AGS2		-0063		-06AGS		-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.				CKT. SIZE		
	5566-NAPB		5566-NAGS2		5566-NAGS		5566-NAS		5566-NA								
A																	
										</							

</

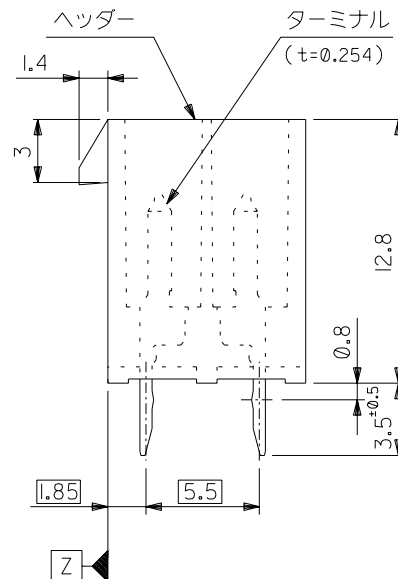




51.6	46.2	24
47.4	42	22
43.2	37.8	20
39	33.6	18
34.8	29.4	16
30.6	25.2	14
26.4	21	12
22.2	16.8	10
18	12.6	8
13.8	8.4	6
9.6	4.2	4
5.4	—	2
寸法 B	寸法 A	極数



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

ベースナンバー 5566 - N A \* \* - \*

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.

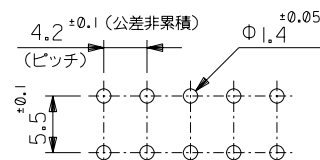
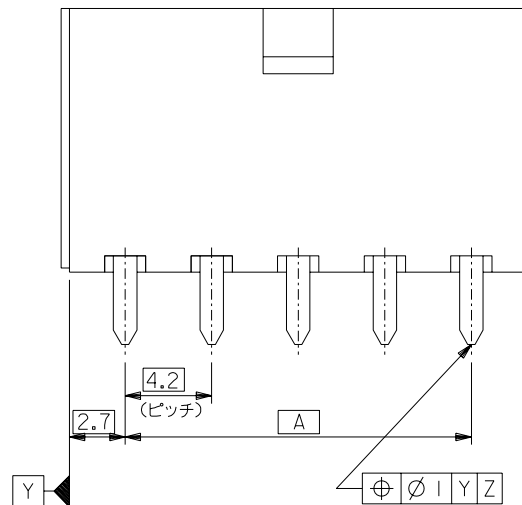
半田付け部 錫 2.54μm MIN.

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)

				材料 MATERIAL		MOLEX-JAPAN CO.,LTD. 日本モレックス株式会社	
				注記 2 参照		EDP. NO.	
				仕上げ FINISH		SHEET 2 OF 2 参照	
				適用電線範囲 WIRE RANGE		ENG. NO.	
				被覆外径 INS. RANGE		SHEET 1 OF 2	
				DRAWN BY '04/5/26 H.HIRAMOTO		REV F	
				CHK'D BY '04/5/26 M.FUKUSHIMA		TITLE 名称	
				APP'D BY '04/5/26 M.ENOMOTO		NEW MINI FIT CONNECTOR	
				R 尺 SCALE 4 - 1		HEADER ASS'Y -LEAD FREE-	
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	00/6/8			
10°以上 OVER 30°未満 UNDER	±0.3 ±0.25	D 変更&再作図 (J00510)	H.H Y.Y	00/5/7			
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			



• **MM**

MXJ-8