

## Jameco Part Number 304039

#### FEATURES AND SPECIFICATIONS

#### **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:  $10m\Omega$  max. Dielectric Withstanding Voltage: 1500V AC Insulation Resistance: 1000 M $\Omega$  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

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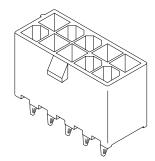
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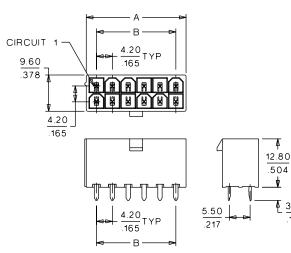
molex<sup>•</sup> 4.20mm (.165") Pitch Mini-Fit, Jr.™ Header

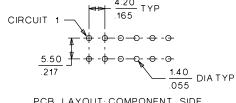
## 5566

Vertical, Dual Row Without Pegs



#### **CATALOG DRAWING (FOR REFERENCE ONLY)**





PCB LAYOUT: COMPONENT SIDE RECOMMENDED PCB THICKNESS: 1.60 .063

#### **ORDERING INFORMATION AND DIMENSIONS**

	With Drain Holes							
	Order No.					nsion		
Circuits	Tin P	lated	Gold Plat	ed (30µ")	A	В		
	94V-2	94V-0	94V-2	94V-0	A	D		
2	•39-29-3026	•39-31-0020	•39-31-0027	•39-31-0028	5.40 (.210)			
4	•39-29-3046	<ul><li>39-31-0040</li></ul>	•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							
		Dime	nsion				
Circuits	Tin P	lated	Gold Plat	ed (30µ")	A	В	
	94V-2	94V-0	94V-2	94V-0	A	D	
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)	

Connectors

Power



## MINI-FIT JR.

#### 1.0 SCOPE

This Product Specification covers performance requirements for the MINI-FIT JR. 4.20 mm (.165 inch) centerline (pitch) printed circuit board (PCB) connector series with Tin or Gold plating, and The MINI-FIT JR. connector series terminated with 16 to 28 AWG wire using Crimp technology with Tin or Gold plating.

#### 2.0 PRODUCT DESCRIPTION

#### 2.1 PRODUCT NAME AND SERIES NUMBER (S)

PRODUCT NAME

Female Crimp Terminal Male Crimp Terminal Receptacle Housing Plug Housing Vertical Header Assembly Right Angle Header Assembly PART NUMBER 5556-\*\*\*\* 5558-\*\*\*\* 5557-\*\*\*\* 5559-\*\*\*\* 5566-\*\*\*\* 5569-\*\*\*\*

#### 2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

See the appropriate sales drawings for the information on dimensions, materials, platings and markings.

### 2.3 SAFETY AGENCY APPROVALS

UL File #E29179 CSA Certificate #LR 19980 TUV Certificate #R75142-8

#### 3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See sales drawings and the other sections of this specification for the necessary referenced documents and specifications

### 4.0 RATINGS

#### 4.1 VOLTAGE

600 Volts AC (RMS) (or 600 Volts DC)

#### 4.2 CURRENT AND APPLICABLE WIRES

Maximum Insulation Diameter	16 AWG: 3.10/. 122 MAXIMUM
and	18-24 AWG: 3.10/. 122 MAXIMUM
Applicable Wire Gauges	22-28 AWG: 1.80/. 071 MAXIMUM

REVISION:	ECR/ECN INFORMATION:	TITLE: PRODUC	T SPECIFICATION	FOR	SHEET No.
Α	EC No: UCR2000-0382		MINI-FIT JR.		<b>1</b> of <b>5</b>
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### 4.2 CURRENT AND APPLICABLE WIRES (continued)

MAXIMUM CURRENT RATING (Amperes)									
	E	Brass			Phosphor Bronze				
Ckt. Size Wire	2&3	4 - 6	7 - 10	12 - 24	Ckt. Size Wire	2&3	4 - 6	7 - 10	12 - 24
AWG #16	9	8	7	6	AWG #16	8	7	6	5
AWG #18	9	8	7	6	AWG #18	8	7	6	5
AWG #20	7	6	5	5	AWG #20	6	5	4	4
AWG #22	5	4	4	4	AWG #22	4	3	3	3
AWG #24	4	3	3	3	AWG #24	3	2	2	2
AWG #26	3	2	2	2	AWG #26	2	1	1	1
AWG #28	2	1	1	1	AWG #28	1	1	1	1

#### **4.3 TEMPERATURE**

Operating: \* - 40°C to + 105°C Nonoperating: - 40°C to + 105°C \*Including 30°C terminal temperature at rated current

#### 5.0 PERFORMANCE

### **5.1 ELECTRICAL REQUIREMENTS**

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Contact Resistance (Low Level)	Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA. Wire resistance shall be removed from the measured value.	10 milliohms MAXIMUM [initial]
2	Contact Resistance @ Rated Current	Mate connectors: apply a maximum voltage of 20 mV at rated current.	10 milliohms MAXIMUM [initial]
3	Contact Resistance of Wire Termination (Low Level)	Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA.	5 milliohms MAXIMUM [initial]
4	Insulation Resistance	Mate connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	1000 Megohms MINIMUM

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Α	EC No: UCR2000-0382	MINI-FIT JR.		<b>2</b> of <b>5</b>	
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### 5.1 ELECTRICAL REQUIREMENTS (continued)

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
5	Dielectric Withstanding Voltage	Mate connectors: apply a voltage of 1500 VAC for 1 minute between adjacent terminals and between terminals to ground.	No breakdown. Current leakage < 5 mA
6	Temperature Rise (via Current Cycling)	Mate connectors. Measure the temperature rise at the rated current after 96 hours, during current cycling (45 minutes ON and 15 minutes OFF per hour) for 240 hours, and after final 96-hour steady state.	Temperature rise: +30°C MAXIMUM

### **5.2 MECHANICAL REQUIREMENTS**

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Terminal Insertion and Withdrawal Forces	Insert and withdraw terminal (male to female) at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.	14.7 N (3.30 lbf) MAXIMUM insertion force & 1.0 N (0.02 lbf) MINIMUM withdrawal force
2	Terminal Retention Force (in Housing)	Axial pullout force on the terminal in the housing at a rate of $25 \pm 6$ mm ( $1 \pm \frac{1}{4}$ inch) per minute.	30 N (6.74 lbf) MINIMUM retention force
3	DurabilityMate connectors up to 30 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.		20 milliohms MAXIMUM
4	Vibration (Random)	Mate connectors and vibrate per EIA 364-28, test condition VII.	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond
5	Shock (Mechanical)	Mate connectors and shock at 50 g's with $\frac{1}{2}$ sine wave (11 milliseconds) shocks in the $\pm X$ , $\pm Y$ , $\pm Z$ axes, (18 shocks total).	20 milliohms MAXIMUM & Discontinuity < 1 microsecond
6	Wire Pullout Force (Axial)	Apply an axial pullout force on the wire at a rate of $25 \pm 6 \text{ mm} (1 \pm \frac{1}{4} \text{ inch})$ .	16 Awg = 88.0 N (19.8 lbf) Min 18 Awg = 88.0 N (19.8 lbf) Min 20 Awg = 59.0 N (13.3 lbf) Min 22 Awg = 39.0 N (8.78 lbf) Min 24 Awg = 29.0 N (6.52 lbf) Min 26 Awg = 19.0 N (4.27 lbf) Min 28 Awg = 9.80 N (2.20 lbf) Min

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## 5.2 MECHANICAL REQUIREMENTS (continued)

7	Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of $25 \pm 6 \text{ mm} (1 \pm \frac{1}{4} \text{ inch})$ .	15.0 N (3.37 lbf) MAXIMUM insertion force
8	Normal Force	Apply a perpendicular force.	0.49 N (50 grams) MINIMUM [Gold (noble) plating] OR 1.47 N (150 grams) MINIMUM [Tin (non-noble) plating]
9	PCB Engagement and Separation Forces	Engage and separate a connector at a rate of $25 \pm 6 \text{ mm} (1 \pm \frac{1}{4} \text{ inch})$ per minute.	49.0 N (11.0 lbf) MAXIMUM insertion force & 10.0 N (2.24 lbf) MINIMUM withdrawal force
10	Panel Insertion and Withdrawal Forces	Insert and withdraw a connector at a rate of 25 $\pm$ 6 mm (1 $\pm$ ¼ inch) per minute.	225 N (50.7 lbf) MAXIMUM insertion force & 157 N (35.3 lbf) MINIMUM withdrawal force

#### **5.3 ENVIRONMENTAL REQUIREMENTS**

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
1	Thermal Shock	Mate connectors: expose for 5 cycles between temperatures -55 and 105°C; dwell 0.5 hours at each temperature.	20 milliohms MAXIMUM Visual: No Damage Dielectric Strength per 5.1.5 Insulation Resistance per 5.1.4
2	Thermal Aging	Mate connectors; expose to: 96 hours at 105 ± 2°C	20 milliohms MAXIMUM & Visual: No Damage
3	Humidity (Steady State)	Mate connectors: expose to a temperature of $60 \pm 2^{\circ}$ C with a relative humidity of 90-95% for 96 hours.	20 milliohms MAXIMUM Dielectric Strength per 5.1.5 Insulation Resistance per 5.1.4 Visual: No Damage
4	Solderability	Per SMES-152	Solder coverage: 95% MINIMUM (per SMES-152)
5	Solder Resistance	Dip connector terminal tails in solder: Solder Duration: $5 \pm 0.5$ seconds; Solder Temperature: $260 \pm 5^{\circ}$ C	Visual: No Damage to insulator material

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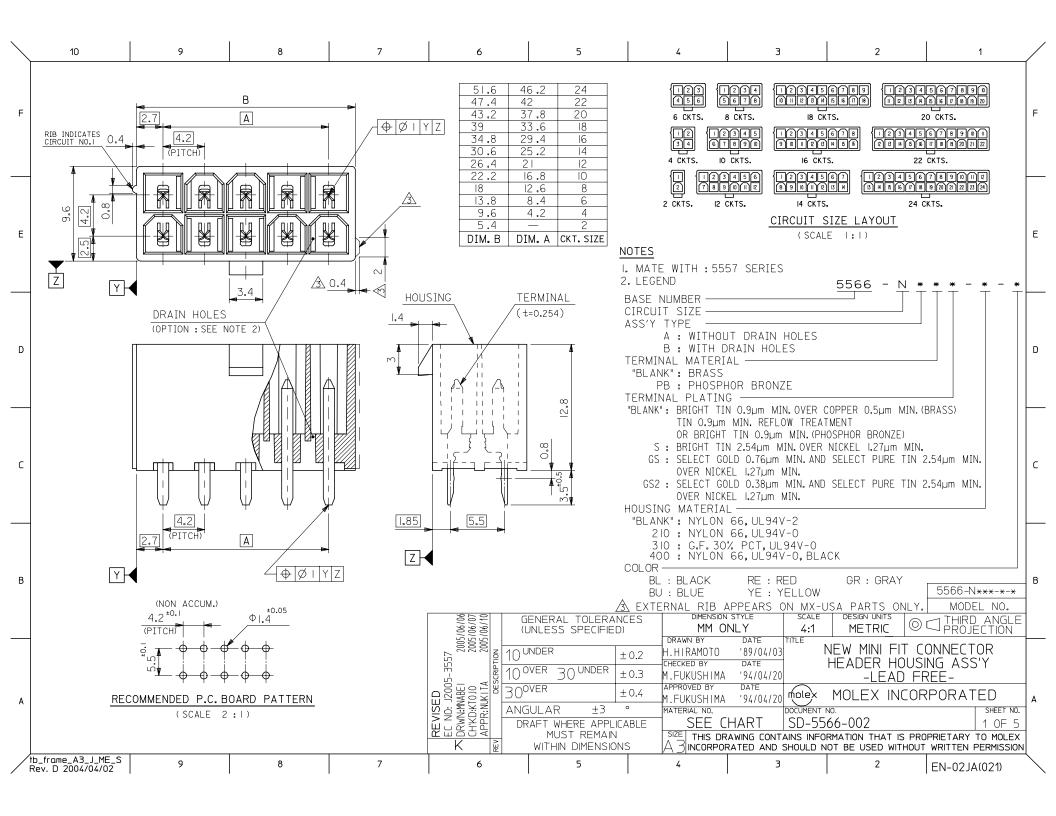
## 5.3 ENVIRONMENTAL REQUIREMENTS (continued)

ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENT
6	Cold Resistance	Mate connectors: Duration: 96 hours; Temperature: -40 ± 3°C	20 milliohms MAXIMUM Visual: No Damage
7	Corrosive Atmosphere: Sulfur Dioxide Gas (SO <sub>2</sub> )	Mate connectors: Duration: 24 hours exposure. Atmosphere: 50 parts per million (ppm) $SO_2$ Gas. Temperature: $40 \pm 3^{\circ}C$	20 milliohms MAXIMUM Visual: No damage

## 6.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

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		-20APB-310		-20AGS2-310		-20AGS-310			-20AS-310		-20A-310	20	
F		- 18APB-310		- 18AGS2-3 10		- 18AGS-310			- 18AS-310		- I8A-3 IO	18	F
F		- 16 APB-3 10		- 16AGS2-310		- 16AGS-310			- 16AS-310		- I6A-3 IO	16	
		- 14APB-310		- 14AGS2-310		- 14AGS-310			- 14AS-310		- 14A-3 10	4	
		- 12APB-310		- I2AGS2-3 IO		- 12AGS-310			- 12AS-310		- I2A-3 IO	12	
		- IOAPB-3 IO		- 10AGS2-310		- 10AGS-310			- 10AS-310		- IOA-3 IO	10	
		-08APB-310		-08AGS2-310		-08AGS-310			-08AS-310		-08A-310	8	
		-06APB-310		-06AGS2-310		-06AGS-310			-06AS-310		-06A-310	6	
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-	39-29-5247	5566-24APB-210	39-30-9245	5566-24AGS2-210		5566-24AGS-210	39-30-		66-24AS-210	39-28-8240		24	1 -
	▲ -5227	▲ -22APB-210	▲ -9225	▲ -22AGS2-210	▲ -6228	▲ -22AGS-210		6222	-22AS-210	▲ -8220		22	-
	-5207	-20APB-210	-9205	-20AGS2-210	-6208	-20AGS-210		-6202	-20AS-210	-8200		20	1
	-5187	- I8APB-210	-9185	- 18AGS2-210	-6188	- 18AGS-210		6182	- 18AS-210	-8 180		18	-
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	-5   47	- 14APB-210	-9145	- 14AGS2-210	-6148	- 14AGS-210		6142	- 14AS-210	-8140		10	1
	-5127	- 12APB-210	-9125	- 12AGS2-210	-6128	- 12AGS-210		6122	- 12AS-210	-8120		12	-
	-5107	- IOAPB-210	-9105	- 10AGS2-210	-6108	- 10AGS-210		6 102	- 10AS-210	-8100		10	-
	-5087	-08APB-210	-9085	-08AGS2-210	-6088	-08AGS-210		-6082	-08AS-210	-8080		8	1
D	-5067	-06APB-210	-9065	-06AGS2-210	-6068	-06AGS-210		-6062	-06AS-210	-806		6	D
	▼ -5047	▼ -04APB-210	▼ -9045	▼ -04AGS2-210	▼ -6048	▼ -04AGS-210		6042	-04AS-210	▼ -8040		4	1
	39-29-5027	5566-02APB-210	39-30-9025	5566-02AGS2-210		5566-02AGS-210	39-30-		66-02AS-210	39-28-802		2	1
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		-NAPB-210		NAGS2-210		NAGS-210			AS-210		56-NA-210	SIZE	
		5566-24APB				5566-24AGS	39-30-		66-24AS	39-28-1243		24	
	▲ -5226	▲ -22APB	▲ -9224	▲ -22AGS2	▲ -0223	▲ -22AGS		-6221	-22AS	<b>A</b> - 1223		22	_
	-5206	-20APB	-9204	-20AGS2	-0203	-20AGS		-6201	-20AS	- 1203		20	_
c	-5186	- 18APB	-9184	- I8AGS2	-0183	- 18AGS		6181	- 18AS	-1183		18	C
	-5166	- 16 APB	-9164	- I6AGS2	-0163	- I6AGS		6161	- 16AS	-1163		16	_
	-5146	- 14 APB	-9 44	- 14AGS2	-0143	- I4AGS		6   4	- 14AS	-1143		14	_
	-5126	- I2APB	-9124	- I2AGS2	-0123	- I2AGS		6121	- 12AS	-1123		12	_
	-5106	- IOAPB	-9104	- IOAGS2	-0103	- IOAGS		6101	- IOAS	-1103		10	_
	-5086	-08APB	-9084	-08AGS2	-0083	-08AGS		6081	-08AS	- 1083		8	_
	-5066	-06APB	-9064	-06AGS2	-0063	-06AGS		6061	-06AS	- 1063		6	_
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					#요정말한	DRAFT WHERE APPL MUST REMAIN				D-5566-002		2 OF 5	-
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	5566	-NB	GS2-310		5566-	NP	3GS-310		5566	-NBS-310		5566	S-NB-	310		5566-NA	APBS-310	SIZE
3	<u>39-30-924</u>		66-24BGS2-210	39	-31-0248		66-24BGS-210	39		5566-24BS-210	39-	31-0240			30		566-24APBS-21	0 24
Ē	▲ -922 <sup>-</sup>	7 00	-22BGS2-210		-0228		-22BGS-210		-0222	▲ -22BS-210		-0220		22B-210	<u> </u>	<b>▲</b> -6224	▲ -22APBS-21	
	-920	7	-20BGS2-210	1	-0208	-1	-20BGS-210	1 '	-0202	-20BS-210	+ †	-0200		20B-210		-6204	-20APBS-21	
	-9187		- I8BGS2-210		-0188		- 18BGS-210		-0182	- 18BS-210		-0180		18B-210		-6184	- 18APBS-210	
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	-9167		- 16BGS2-210		-0168		- 16BGS-210		-0162				-	168-210		-6164		
	-9 47		- 14BGS2-210		-0148		- 14BGS-210		-0142	- 14BS-210		-0140		14B-210	_	-6144	- 14APBS-210	
	-9127		- 12BGS2-210		-0128		- 12BGS-210		-0122	- 12BS-210		-0120		12B-210		-6124	- 12APBS-210	
	-9107		- 10BGS2-210		-0108		- 10BGS-210		-0102	- 10BS-210		-0100		IOB-210		-6104	- 10APBS-210	
	-908		-08BGS2-210		-0088		-08BGS-210		-0082	-08BS-210		-0080		08B-210		-6084	-08APBS-21	
	-906	7	-06BGS2-210		-0068		-06BGS-210		-0062	-06BS-210		-0060		06B-2I0		-6064	-06APBS-21	0 6
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3	39-30-9246	5 55	66-24BGS2	39	-31-0247	55	66-24BGS	39	-31-0241	5566-24BS	39-2	9-3246	5566-2	24B	39	9-30-6243 5	566-24APBS	24
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	-9206	5	-20BGS2		-0207		-20BGS		-0201	-20BS		-3206		20B		-6203	-20APBS	20
	-9186		- 18BGS2		-0187		- 18BGS		-0181	- I8BS		-3186		18B		-6183	- I8APBS	18
	-9166		- 16BGS2		-0164		- 16BGS		-0161	- I6BS		-3166		16B		-6163	- I6APBS	16
	-9146		- 14BGS2		-0147		- 14BGS		-0141	- I4BS		-3146		14B		-6143	- I4APBS	14
-	-9126		- 12BGS2		-0127		- 12BGS		-0121	- I2BS		-3126		12B	_	-6123	- I2APBS	12
	-9106		- IOBGS2		-0107		- IOBGS		-0101	- IOBS		-3120		10B	_	-6103	- IOAPBS	10
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	-9086		-08BGS2		-0087		-08BGS		-0081	-08BS		-3086		08B	_	-6083	-08APBS	8
	-906		-06BGS2		-0067		-06BGS		-0061	-06BS	<u> </u>	-3066		06B		-6063	-06APBS	6
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3	<u>39-30-902(</u>	5 55	66-02BGS2	39	-31-0027	55	66-02BGS	39	<u>1-31-0021</u>	5566-02BS	39-2	9-3026	5566-0	02B	39	9-30-6023 5	<u>566-02APBS</u>	2
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							-0186	- 18BPBS-210	-0184	- 18BPB-210	18	<u> </u>
							-0166	- 16BPBS-210	-0164	- 16BPB-210	16	-
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							-0128	- 10BPBS-210	-0124	- 10BPB-210	12 10	-
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C					-0188	- 18A-400	-0185	- I8BPBS	-0183	- I8BPB	18	C
					-0168	- 16A-400	-0165	- I6BPBS - I4BPBS	-0163	- I6BPB	16	-
					-0148	- 14A-400	-0145		-0143	- I4BPB	4	-
					-0128	- I2A-400 - I0A-400	-0125	- I2BPBS - I0BPBS	-0123	- I2BPB - I0BPB	12   10	-
					-0088	-08A-400	-0103		-0083	-08BPB	8	- <u> </u>
					-0088	-06A-400	-0085		-0083	-06BPB	6	-
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					39-35-0028	5566-02A-400		5566-02BPBS		5566-02BPB	2	1
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						0				R HOUSING ASS"		
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Α						O <sup>over</sup>			oley MOLEY	( INCORPORATE	ED	A
					REVISED EC NO: J2005- DRWN:MABEI CHYED:KT0J0 APPR:NUKITA APPR:NUKITA	NGULAR ±	• MATERI	AL NO. DOC	UMENT NO.		SHEET NO.	1
						DRAFT WHERE APPL	ICABLE S	SEE CHART SI	D-5566-002		4 OF 5	
						MUST REMAIN	SIZE	THIS DRAWING CONTAIN		HAT IS PROPRIETARY TO		1
					K M	WITHIN DIMENSIC	<u> A3   NS</u>	INCORPORATED AND SHO	ULD NOT BE USE	D WITHOUT WRITTEN PE	RMISSION	
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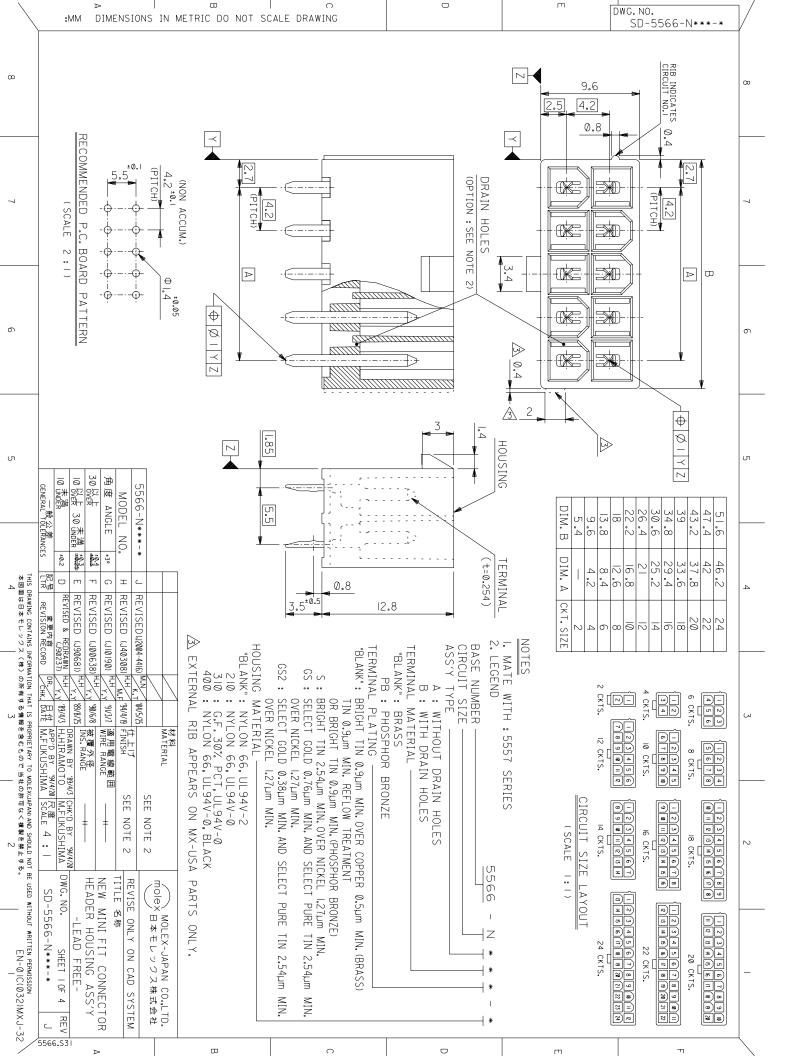
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			39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-33-3028	5566-02A-210-BL	2	
			EDP, NO,	ENG. NO.	EDP. NO.	ENG, NO.	EDP, NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT.	
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			39-33-3087	5566-08A-YE	39-33-3086	5566-08A-RE	39-33-3104	5566-08 A-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	
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					05-3557 1 200 A 200 SCRIPTION	10 <sup>UNDER</sup> 10 <sup>OVER</sup> 30 <sup>UNDER</sup>	<u>±</u> H.HIR снеске ± M.FUK	AMOTO '89/04/03 d by date USHIMA '94/04/20	NEW MIN HEADEI	NI FIT CONNECTO R HOUSING ASS' .EAD FREE-		
A					山 ゴ き ミ う  ト	30 <sup>0VER</sup> ANGULAR ± DRAFT WHERE APPL MUST REMAIN WITHIN DIMENSIC	ICABLE	USHIMA '94/04/20 (T al no. SEE CHART SI	UMENT NO. D-5566-002	K INCORPORATE	SHEET NO. 5 OF 5	A
/f	b_frame_A3_J_ME_S Rev. D 2004/04/02	9	8	7	6	5	4	3		2 EN-02JA(	021)	

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D		<u>ヘッダー</u> <u>1.4</u> (t=0.254)	<u>注 記</u> I. 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	D
с			"BLANK": 錫メッキ 0.9µm MIN.         GS: ニッケル I.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.         *田付け部 錫 2.54µm MIN.         *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         E         BL : 黒色         BU : 青色	С
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A	image: A3_J_ME_S     9     8     7	Image: Second state	DRAWN BY     DATE     TITLE       H. HIRAMOTO     '89/05/07     NEW MINI FIT CONNECTOR       H. HIRAMOTO     '89/05/07     HEADER ASS'Y       M. FUKUSHIMA     '91/10/29     -LEAD FREE-       APPROVED BY     DATE     MOLEX INCORPORATED       MATERIAL NO.     DOCUMENT NO.     SHEET NO       SEE     CHART     SD-5566-003     1 OF 3       SIZE     THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX     A)       A     3     2     EN-02 JA(021)	3

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									-0128	- 14A-400 - 12A-400	12	-
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									-0068	-06A-400	6	<u>}                                    </u>
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					-5207	-20APB-210	-6208	-20AGS-210	-8200	-20A-210	20	-
					-5187	- I8APB-2 I0	-6188	- I8AGS-2 IO	-8180	- I8A-210	18	1
-+					-5167	- 16APB-210	-6168	- 16AGS-210	-8160	- I6A-2 I0	16	<u> </u>
					-5   47	- I4APB-2 I0	-6 48	- 14AGS-210	-8 40	- I4A-2I0	4	
					-5127	- I2APB-2 I0	-6128	- 12AGS-210	-8120	- I2A-2 IO	12	
					-5107	- 10APB-210	-6108	- 10AGS-210	-8100	- IOA-2 IO	10	
D					-5087	-08APB-210	-6088	-08AGS-210	-8080	-08A-210	8	D
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					39-29-5027	5566-02APB-210		5566-02AGS-210		5566-02A-210	2	
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					▲ -5226	▲ -22APB	▲ -0223	▲ -22AGS	▲ -1223	▲ -22A	22	
					-5206	-20APB	-0203	-20AGS	- 1203	-20A	20	
c					-5186	- I8APB	-0183	- 18AGS	-1183	- I8A	18	] c
					-5166	- I6APB	-0163	- I6AGS	-1163	- I6A	16	
					-5146	- I4APB	-0143	- 14AGS	-1143	-  4A	14	-
					-5126	- I2APB	-0123	- I2AGS	-1123	- I2A	12	
					-5106	- IOAPB -08APB	-0103	- IOAGS -08AGS	- 1 103	- IOA - 08A	10 8	
					-5066	-06APB	-0083	-06AGS	- 1083	-06A	6	
					▼ -5046	▼ -04APB	♥ -0043	• -04AGS	▼ -1043	V -04A	4	
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					s 200 m	10 <sup>UNDER</sup>	± H.HIRAN		NEW MINI	FIT CONNECTO	R	
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					REVISED EC NO: J2006-2418 CDRWN:MABEL CDRWN:MABEL 2020002 20 CHYCD:K10Y0DA 20 APPR:NUKITA 20 DESCRPTION	30 <sup>over</sup>	± APPROVED		NOLEX	INCORPORATE	ED	A
A						ANGULAR ±	MATERIAL	NO. DOC	UMENT NO.		SHEET NO.	1
						DRAFT WHERE APPL	ICABLE SE		D-5566-003		2 OF 3	
						MUST REMAIN	SIZE TH	HIS DRAWING CONTAINS	S INFORMATION TH	AT IS PROPRIETARY TO	MOLEX	]
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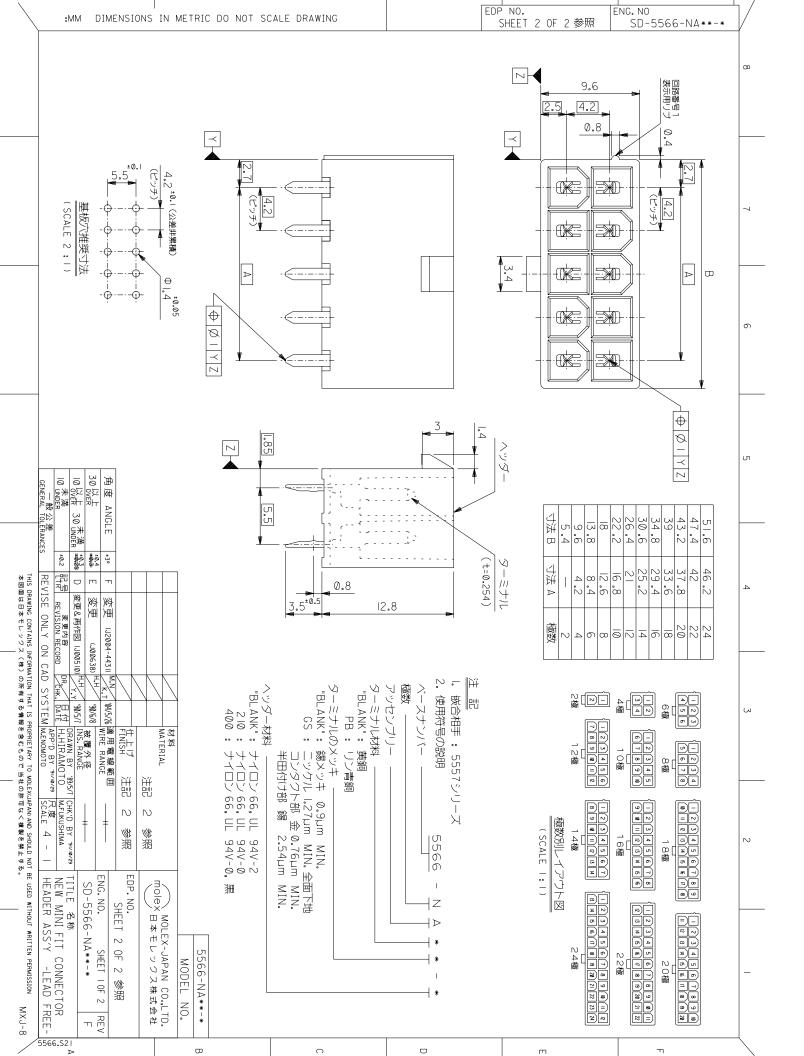
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D			39-34-5023 EDP. NO.	5566-02A-210-YE ENG. NO.	39-33-4100 39-33-4040 39-33-4020 EDP. NO.	5566-10A-210-RE 5566-04A-210-RE 5566-02A-210-RE ENG. NO.	39-33-3109 5 39-33-3049 5 39-33-3029 5 EDP, NO.	5566-16A-210-BU 5566-10A-210-BU 5566-04A-210-BU 5566-02A-210-BU ENG. NO.	39-33-3168 39-33-3108 39-33-3088 39-33-3028 EDP, NO,	5566-16A-210-BL 5566-10A-210-BL 5566-08A-210-BL 5566-02A-210-BL ENG. NO.	10 14 12 10 8 6 4 2 <b>極数</b>	
C	39-33-3145	5566-14A-GR		-NA-210-YE	39-33-3166 39-33-3126 39-33-3106	-NA-210-RE	39-33-3164 5 39-33-3124 5 39-33-3124 5	IA-210-BU 5566-16A-BU 5566-12A-BU 5566-10A-BU	39-33-3143	-NA-210-BL	1224           22           20           18           16           14           12           10	C
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					57	GENERAL TOLERA (UNLESS SPECIFIE 10 <sup>UNDER</sup> 10 <sup>OVER</sup> 30 <sup>UNDER</sup> 30 <sup>OVER</sup>	D)  D  D  D  D  D  D  D  D  D  D  D  D	1M ONLY         DATE         TITL           Y         DATE         TITL           10T0         '89/05/07         BY         DATE           GHIMA         '91/10/29         BY         DATE	NEW MIN HE 		DR	
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ω							556	EDP NO.	39-29-5026	-5066	-5086	-5 106	-712-	-5166	-5 186	-5206	<b>▲</b> -5226	39-29-5246	- 9956	EDP NO.	39-29-5027	<b>v</b> -5047	-2002-	1019-2	-5127	-5147	-5167	-212-	-5221	39-29-5247	5566-	EDP NO.	NOT TOOLED	-									+ + 2 - -	
7							6-NAPB		5566-02APB	-06APB	-08APB	- IØAPB	- 12APR	- IGAPB	- 18 A P B	-20APB	▲ -22APB	5566-24APB	-NAPB-210	ENG. NO.	5566-02APB-210		-06APB-210	012-94V01-	- 12 APB-2 10	- 14APB-210	- 16APB-210	- 18 A DR - 2 IM	-22APB-210	5566-24APB-210	-NAPB-310	ENG. NO.	5566-02APB-310			- 44 V 80 - 40 - 40 - 40 - 40 - 40 - 40 - 40 -		J U	- IGAPB-3 10		-20APB-310	-224PB-310		_
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6							6-NAGS2		5566-02AGS2	-06AGS2	-08AGS2	- IØAGS2	- 124GS2	- 16AGS2	- I8AGS2	-20AGS2	▲ -22AGS2	5566-24AGS2	NAGS2-210	ENG. NO.	5566-02AGS2-210	Ν	012-259480-		- 12AGS2-210	- 14AGS2-210	- 16AGS2-210	UIC-CSJV81-	-22AGSZ-210	5566-24AGS2-210	NAGS2-310	ENG. NO.		▼ -04AGS2-310	012-255490-		- 102020210	012-229461 -	JUU	μώ	-20AGS2-310	015-227477-9966		
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NG CONTAINS INFORMATION TI  本モレックス(株)の所有 	SHEET I OF 4 変更内容 VISION RECORD	SHEET I OF 4	SHEET I OF 4	SHEET LOF 4			556	EDP NO.		-6061	-6081	- 6 10 1	- 1219-	-6161	-6 18 1	-6201	-		5566-			<b>V</b> -6042	-900-	2019-	-6122	-6142	-6162	2813- 2820	2229-		10 '	EDP NO.	NOT TOOLED 5	-										_
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(JAPAN) AND SHOULD NOT BE ( 許可なく複製を禁止する。 2	CALE		+	NOTE 2	SEE NOTE 2	2.	ភភ	EDP NO.	39-28-1023	- 1063	- 1083	- 1103	- 1123	- 1163	- 1183		1223		5566	EDP NO.	39-28-8020	▼ -8040	-8080-	0018-	-8120	-8140	0918-	W818-	0228- V	39-28-8240	5566	EDP NO.	NOT TOOLED	•									-	
USED WITHOUT WRITTEN PERMISSION EN-0 IC(032)MXJ-32	DWG. NO. SHEET 2 SD-5566-N***-*	HEADER HOUSING ASS'Y -LEAD FREE-	TITLE 名容 NEW MINI FIT CON	REVISE ONLY ON CAD	indiex 日本モレックス	MOLEX-JAPAN CO.,LTD.	566-NA	ENG. NO.	5566-02A	■ -06A	-08A	- IØA	- I2A	- 16A	- 18 A	-20A	▲ -22A	5566-	6-NA-210	ENG. NO.	5566-02A-210	▼ -04A-210	-06A-210	- IQA-2 IQ	- 12A-210	- 14A-210	- 16A-210	WIC-V81-	012-422- V	5566-24A-210	6-NA-310	ENG. NO.	5566-02A-310	▼ -04A-310	012-730-	WIE-V8W-	015-701-	015-441-	- 16A-310	- 18A-310	(MIC	MIC-A42-300C	2	_
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7				6-NBGS2	_	5566-02BGS2	-06BGS2	-08BGS2	- IØBGS2	- 12BGS2	- 16BGS2	- I8BGS2	-20BGS2	-22RGS2		ENG. NU.	01Z-ZS08Z0-9966	▼ -04BGS2-2	-08BGS2-210 -06BGS2-210	012-2S9801 -	- I2BGS2-2 IØ	- 14BGS2-210	012-259881-	-20BGS2-210		5566-24BGS2-210		FNG NO	-048657-3	υĽ	-08BGS2-310	ώl	- 14BGS2-310	- I6BCS2-3 10	- 18BGS2-310	-20BGS2-310	5566-24BCS2-310	7
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7 NHIS	*8.3 F SI 300.休酒 *0.25 E SI *0.2 D SI 税公差Ances LTR	MODEL NO. H SEE	-	6-NBS	ENG. NO.	566-02B	-06BS -04BS	-08BS	- 10BS	- 12BS	- 16BS	- 18BS	-20BS	-22BS	- NDV - 2 IW	ENG. NU.	2-2820-9955		-08BS-210	- IØBS-2 IØ	- 12BS-210	- 14BS-210	MIZ-SA81-	-20BS-210	A -22BS-210	5566-24BS-210		FNG NO	-0482-3	5		- 10BS-310	- 1485-310	- 16BS-310	IY'I	-20BS-310	566-24BS-3	4
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BE USED WITHOUT WRITTEN PERMISSION • EN-0 IC(032)MXJ-32	HEADER HOUSING ASS'Y -LEAD FREE- DWG. NO. SHEET 3 OF 4 REV SD-5566-N***-* J	REVISE ONLY ON CAD TITLE 名称 NFW MINI FIT CONN	MOLEX-JAPAN CO.,LTD. Molex日本モレックス株式会社	6-NAPBS	ENG	5566-02APBS	-06APBS	-08APBS	- IØAPBS	- I2APBS	- IGAPBS	- I8APBS	-20APBS	-22APRS	NATUU-LIW	ENG. NU.	BV-Z	04APBS-2	-08APBS-210 -06APBS-210	- 10APBS-210	- 12 APBS-2 10	- 14APBS-210	01 2-584881 -	-20APBS-210	$\stackrel{!}{\sim}$	66-24APBS-		FNG NO	04 A MBX - 3	ι	-08APBS-310	- IØAPBS-3 IØ	- 19 APBS-3 10	- 16 APBS - 3 10	- 18APBS-3 10	-20APBS-310	5566-24APBS-310	
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DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX/JAPANY AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION 面は日本モレックス(株)の所有する情報を含むもので当社の許可なく複製を禁止する。 EN-の C(0032)MXJ-32 1 2 1	3PBS - 2 10 5-66-24BPBS - 20BPBS - 16BPBS - 16BPBS - 16BPBS - 16BPBS - 16BPBS - 16BPBS - 16BPBS - 16BPBS - 16BPBS - 06BPBS - 0	3 5566-24BPBS-310 -20BPBS-310 -20BPBS-310 -16BPBS-310 -16BPBS-310 -12BPBS-310 -06BPBS-310 -06BPBS-310 -06BPBS-310 ENG. NO NBPBS-310 -20BPBS-310 -28BPBS-310 -28BPBS-310 -16BPBS-210 -16BPBS-210 -16BPBS-210 -16BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 -06BPBS-210 ENG. NO
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HAT IS PROPRIETARY TO MOLE> する情報を含むものこ当社の 	記号 変更均容CORD DR. 日付 H.HHRAMOTO REVISEO NLY ON CAD SYSTEM M.ENOMOTO	190/6/8 WIRE RANGE 190/5/7 INS. RANGE	「W4/5/26 随用電線範囲		村 料 MATERIAL	-NAGS	ENG. NO	5566-02AGS	-06AGS	-08AGS	- IØAGS	- 14AGS	- I6AGS	- 18AGS	-20AGS	2006-24A63	NAGS-ZIW		THE NO	-04AGS-210	-06AGS-210	-08AGS-210	- 10AGS-210	- 12ACS-210	- 16AGS-210	- 18AGS-210	-22AGS-210	5566-24AGS-210													ω
DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY 10 MOLEXUAPANIAMO SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION 面は日本モワックス(株)の所有する情報を含むもので、当社の許可なへ複製を禁止する。	CHK'D BY '91/10/29 R.度    SCALE			N 参照	3	556	<u>0</u>	39-28-1023 5	- 1063	- 1083	- II03	- 1145	- 1163	-   183	- 1203	Jy-28-1243 5	00000	νH	59-28-8020	₹0-20-8040	-8060	-8080			-8160			39-28-8240		밀	39-35-0028	-0068	-0088	-0108	-0128	-0148	8910- 8810-	-0208	<b>A</b> -0228		2
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