

CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	.21 (5.4)	—
4	.38 (9.6)	.17 (4.2)
6	.54 (13.8)	.33 (8.4)
8	.71 (18.0)	.50 (12.6)
10	.87 (22.2)	.66 (16.8)
12	1.04 (26.4)	.83 (21.0)
14	1.20 (30.6)	.99 (25.2)
16	1.37 (34.8)	1.16 (29.4)
18	1.54 (39.0)	1.32 (33.6)
20	1.70 (43.2)	1.49 (37.8)
22	1.87 (47.4)	1.65 (42.0)
24	2.03 (51.6)	1.82 (46.2)



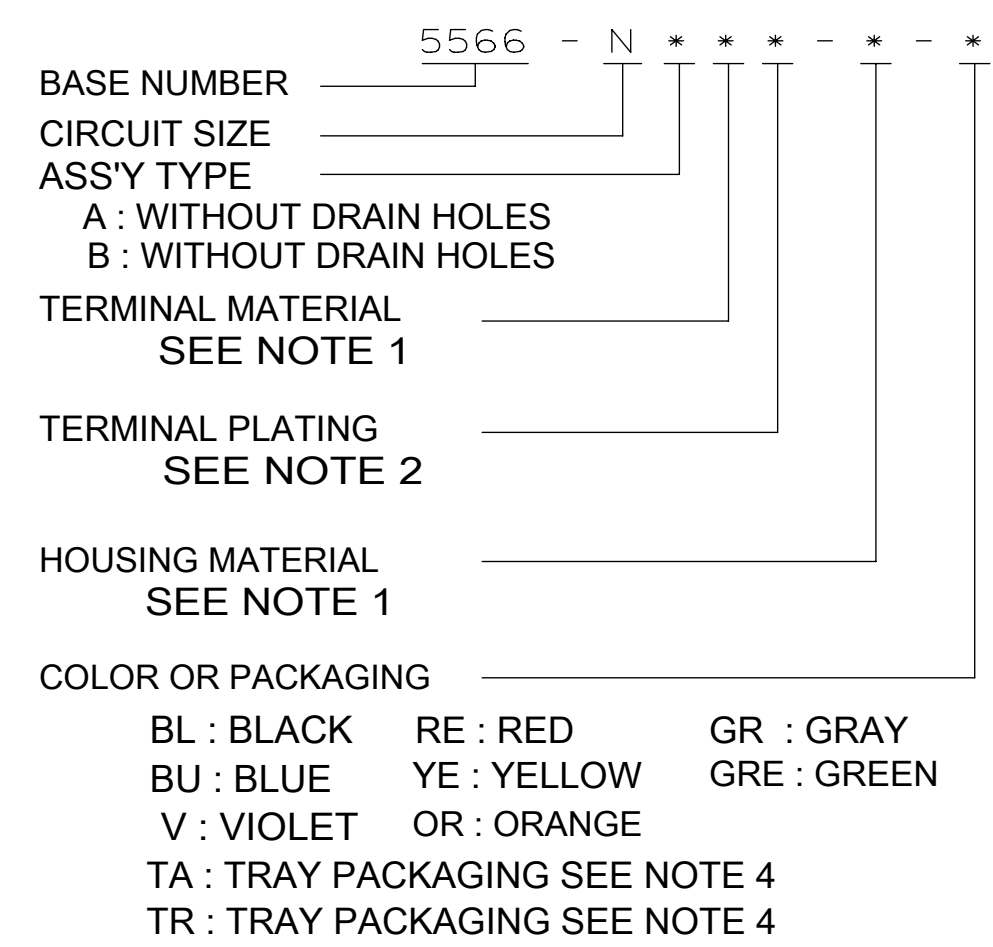
CIRCUIT SIZE LAYOUT



RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE

- NOTES:
- MATERIALS:
HOUSING:
"BLANK"=NYLON 6/6, UL94V-2, COLOR: NATURAL
"210" =NYLON 6/6, UL94V-0, COLOR: NATURAL
"400"=NYLON 6/6, UL94V-0, COLOR: BLACK
TERMINALS:
"BLANK" = BRASS
"PB" = PHOSPHOR BRONZE
 - TERMINAL PLATING:
"BLANK" = REFLOWED MATTE TIN .000035/(0.00090) MIN.
OVER COPPER .000020/(0.00050) MIN. (BRASS) (PREPLATE)
OR REFLOWED MATTE TIN .000035/(0.00090) MIN. (PHOSPHOR BRONZE) (PREPLATE)
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)
"S"=.000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN NICKEL
"MS"=.000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN NICKEL
"GS2"=.000015/(0.00038) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
"GS"=.000030/(0.00076) MIN. SELECT GOLD AND
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION: PS-5556-001
 - PACKAGING: "BLANK"= BULK PACKED.
"TA"=TRAY PACK PER PK-5566-001, "TR"=TRAY PACK PER PK-5566
 - PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.
 - PART IS NOT DESIGNED FOR CURRENT SHARING.
 - PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED WHILE CIRCUITS ARE LIVE.
 - ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON HOUSINGS.
 - PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

LEGEND



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS IN/MM		SCALE 4:1		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#511877				molex		MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS	
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 693980							
4 PLACES ±		±		DRWN: ABHISP1				2022/05/13		PRODUCT CUSTOMER DRAWING	
3 PLACES ±		± 0.005		CHK'D: GGA				2022/05/18			
2 PLACES ±		0.13 ± 0.01		APPR: GGA				2022/05/18		DOCUMENT NUMBER SD-5566-002	
1 PLACE ±		0.25 ±		INITIAL REVISION:				DOC TYPE PSD			
0 PLACES ±		±		DRWN: H.HIRAMOTO				1989/04/03		REVISION M5	
ANGULAR TOL ± 0.5 °				APPR: FSMITH				2012/05/04		MATERIAL NUMBER SEE TABLE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING C-SIZE		SERIES 5566		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 5	

	12	11	10	9	8	7	6	5	4	3	2	1		
H				39-30-9245	5566-24AGS2-210	39-29-6248	5566-24AGS-210				39-28-8240	5566-24A-210	24	
				39-30-9225	5566-22AGS2-210	39-29-6228	5566-22AGS-210				39-28-8220	-22A-210	22	
				39-30-9205	5566-20AGS2-210	39-29-6208	5566-20AGS-210				39-28-8200	-20A-210	20	
				39-30-9185	5566-18AGS2-210	39-29-6188	5566-18AGS-210				39-28-8180	-18A-210	18	
				39-30-9165	5566-16AGS2-210	39-29-6168	5566-16AGS-210	39-30-6162	5566-16AS-210		39-28-8160	-16A-210	16	
				39-30-9145	5566-14AGS2-210	39-29-6148	5566-14AGS-210				39-28-8140	-14A-210	14	
				39-30-9125	5566-12AGS2-210	39-29-6128	5566-12AGS-210				39-28-8120	-12A-210	12	
				39-30-9105	5566-10AGS2-210	39-29-6108	5566-10AGS-210				39-28-8100	-10A-210	10	
				39-30-9085	5566-08AGS2-210	39-29-6088	5566-08AGS-210	39-30-6082	5566-08AS-210		39-28-8080	-08A-210	8	
				39-30-9065	5566-06AGS2-210	39-29-6068	5566-06AGS-210	39-30-6062	5566-06AS-210		39-28-8060	-06A-210	6	
G				39-30-9045	5566-04AGS2-210	39-29-6048	5566-04AGS-210	39-30-6042	5566-04AS-210		39-28-8040	-04A-210	4	
				39-30-9025	5566-02AGS2-210	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.	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	
				39-30-9244	5566-24AGS2	39-29-0243	5566-24AGS				39-28-1243	5566-24A	24	
F				39-30-9224	5566-22AGS2					39-28-1223	5566-22A	22		
				39-30-9204	5566-20AGS2	39-29-0203	5566-20AGS			39-28-1203	5566-20A	20		
				39-30-9184	5566-18AGS2	39-29-0183	5566-18AGS			39-28-1183	5566-18A	18		
				39-30-9164	5566-16AGS2					39-28-1163	5566-16A	16		
				39-30-9144	5566-14AGS2					39-28-1143	5566-14A	14		
				39-30-9124	5566-12AGS2	39-29-0123	5566-12AGS			39-28-1123	5566-12A	12		
				39-30-9104	5566-10AGS2	39-29-0103	5566-10AGS	39-30-6101	5566-10AS		39-28-1103	5566-10A	10	
				39-30-9084	5566-08AGS2	39-29-0083	5566-08AGS	39-30-6081	5566-08AS		39-28-1083	5566-08A	8	
				39-30-9064	5566-06AGS2	39-29-0063	5566-06AGS			39-28-1063	5566-06A	6		
				39-30-9044	5566-04AGS2	39-29-0043	5566-04AGS			39-28-1043	5566-04A	4		
E				39-30-9024	5566-02AGS2	39-29-0023	5566-02AGS			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.	EDP NO.	ENG. NO.	CKT. SIZE	
	5566-NAPB			5566-NAGS2			5566-NAGS			5566-NAS			5566-NA	

PARTS WITHOUT DRAIN HOLES

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#511877				<h1>molex</h1>					
IN/MM		1:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 693980 DRWN: ABHISP1 2022/05/18 CHK'D: GGA APPR: GGA 2022/05/18				MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS PRODUCT CUSTOMER DRAWING					
4 PLACES		±	±										
3 PLACES		±	± 0.005										
2 PLACES		± 0.13	± 0.01										
1 PLACE		± 0.25	±										
0 PLACES		±	±	INITIAL REVISION:				DOCUMENT NUMBER					
ANGULAR TOL		± 0.5°		DRWN: H.HIRAMOTO 1989/04/03				SD-5566-002					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		5566		SEE TABLE		GENERAL MARKET		2 OF 5	

H

G

F

E

D

C

B

A

						24	
						22	
						20	
						18	
		39-31-0168	5566-16BGS-210	39-31-0160	5566-16B-210	16	
		39-31-0148	5566-14BGS-210	39-31-0140	5566-14B-210	14	
		39-31-0128	5566-12BGS-210	39-31-0120	5566-12B-210	12	
		39-31-0108	5566-10BGS-210	39-31-0100	5566-10B-210	10	
		39-31-0088	5566-08BGS-210	39-31-0080	5566-08B-210	8	
		39-31-0068	5566-06BGS-210	39-31-0060	5566-06B-210	6	
		39-31-0048	5566-04BGS-210	39-31-0040	5566-04B-210	4	
		39-31-0028	5566-02BGS-210	39-31-0020	5566-02B-210	2	
		EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
		5566-NBGS-210		5566-NB-210			
						24	
						22	
		39-31-0207	5566-20BGS	39-29-3206	5566-20B	20	
						18	
		39-31-0167	5566-16BGS	39-29-3166	5566-16B	16	
		39-31-0147	5566-14BGS	39-29-3146	5566-14B	14	
				39-29-3126	5566-12B	12	
		39-31-0107	5566-10BGS	39-29-3106	5566-10B	10	
		39-31-0087	5566-08BGS	39-29-3086	5566-08B	8	
		39-31-0067	5566-06BGS	39-29-3066	5566-06B	6	
	39-30-9046	5566-04BGS2	39-31-0047	5566-04BGS	39-29-3046	5566-04B	4
			39-31-0027	5566-02BGS	39-29-3026	5566-02B	2
		EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE	
		5566-NBGS2		5566-NBGS		5566-NB	

PARTS WITH DRAIN HOLES



PARTS WITH/OUT DRAIN HOLES

PENDING OBSOLETE

-NOT RECOMENDED FOR NEW APPLICATIONS
-NO WITH DRAIN HOLE VERSION PRODUCT

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
DIMENSION UNITS		SCALE		CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#511877				molex		MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS								
IN/MM		1:1																
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 693980 DRWN: ABHISP1 2022/05/13 CHK'D: GGA 2022/05/18 APPR: GGA 2022/05/18				PRODUCT CUSTOMER DRAWING										
4 PLACES		±	±									DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
3 PLACES		±	± 0.005									SD-5566-002		PSD	000	M5		
2 PLACES		± 0.13	± 0.01									INITIAL REVISION:		MATERIAL NUMBER			CUSTOMER	SHEET NUMBER
1 PLACE		± 0.25	±									DRWN: H.HIRAMOTO 1989/04/03		SEE TABLE		GENERAL MARKET		3 OF 5
0 PLACES		±	±	APPR: FSMITH 2012/05/04		THIRD ANGLE PROJECTION		DRAWING		SERIES								
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				C-SIZE		5566												

COLORED PART NUMBERS

						24
						22
						20
46999-0085	5566-18AS-RE					18
						16
						14
						12
				46999-0087	5566-10AS-V	10
						8
		46999-0089	5566-08AS-OR			6
						4
						2
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAS-RE		5566-NAS-OR		5566-NAS-V		

TRAY PACKED PER TA \triangle 4	46999-0575	5566-24AMS-400	TRAY PACKED PER TA \triangle 4							24	
	46999-0574	5566-22AMS-400									22
	46999-0573	5566-20AMS-400									20
	46999-0572	5566-18AMS-400									18
	46999-0571	5566-16AMS-400									16
	46999-0570	5566-14AMS-400									14
	46999-0569	5566-12AMS-400									12
	46999-0568	5566-10AMS-400		46999-0876	5566-10AMS-RE						10
	46999-0567	5566-08AMS-400				46999-0091	5566-08AS-GRE				8
	46999-0566	5566-06AMS-400									6
	46999-0565	5566-04AMS-400									4
	46999-0564	5566-02AMS-400				50-36-2485	5566-02AS-GRE	39-34-5023	5566-02A-210-YE		
EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.	CKT. SIZE	
5566-NAMS-400		5566-NAMS-RE		5566-NAS-GRE		5566-NA-210-YE		5566-NA-400			
										24	
										22	
										20	
										18	
										16	
										14	
										12	
										10	
										8	
										6	
								39-33-3043	5566-04A-BL	4	
								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			

PARTS WITHOUT DRAIN HOLES

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#511877	molex		
IN/MM	1:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)			MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS		
	MM	INCH	PRODUCT CUSTOMER DRAWING		
4 PLACES	±	±	DOCUMENT NUMBER		
3 PLACES	±	± 0.005	SD-5566-002		
2 PLACES	± 0.13	± 0.01	DOC TYPE		
1 PLACE	± 0.25	±	PSD		
0 PLACES	±	±	DOC PART		
ANGULAR TOL	± 0.5 °		000		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			REVISION		
THIRD ANGLE PROJECTION			MATERIAL NUMBER		
DRAWING			CUSTOMER		
C-SIZE			GENERAL MARKET		
SERIES			SHEET NUMBER		
5566			4 OF 5		

TRAY PACKED PART NUMBERS
PARTS WITHOUT DRAIN HOLES

TRAY PACKED PER TA \triangle 4	46999-0137	5566-24AMS	TRAY PACKED PER TA \triangle 4	46999-0149	5566-24AMS-210	24
	46999-0136	5566-22AMS		46999-0148	5566-22AMS-210	22
	46999-0135	5566-20AMS		46999-0147	5566-20AMS-210	20
	46999-0134	5566-18AMS		46999-0146	5566-18AMS-210	18
	46999-0133	5566-16AMS		46999-0145	5566-16AMS-210	16
	46999-0132	5566-14AMS		46999-0144	5566-14AMS-210	14
	46999-0131	5566-12AMS		46999-0143	5566-12AMS-210	12
	46999-0130	5566-10AMS		46999-0142	5566-10AMS-210	10
	46999-0129	5566-08AMS		46999-0141	5566-08AMS-210	8
	46999-0128	5566-06AMS		46999-0140	5566-06AMS-210	6
	46999-0127	5566-04AMS		46999-0139	5566-04AMS-210	4
	46999-0126	5566-02AMS		46999-0138	5566-02AMS-210	2
	EDP. NO.			ENG. NO.	EDP. NO.	
5566-NAMS			5566-NAMS-210			
						24
						22
						20
			39-53-9188	5566-18A-TA		18
						16
						14
						12
						10
						8
	46999-0630	5566-06AGS2-BL-TA				6
	46999-0629	5566-04AGS2-BL-TA				4
						2
	EDP. NO.	ENG. NO.	EDP. NO.	ENG. NO.		CKT. SIZE
	5566-NAGS2-BL-TA		5566-NA-TA			

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS IN/MM	SCALE 1:1	CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#511877	molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)					
4 PLACES \pm	MM	INCH	MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS		
3 PLACES \pm	\pm 0.005		PRODUCT CUSTOMER DRAWING		
2 PLACES \pm 0.13	\pm 0.01		DOCUMENT NUMBER		
1 PLACE \pm 0.25	\pm		SD-5566-002		
0 PLACES \pm	\pm		DOC TYPE	DOC PART	REVISION
ANGULAR TOL \pm 0.5 °			PSD	000	M5
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		C-SIZE	5566	SEE TABLE	GENERAL MARKET
					SHEET NUMBER
					5 OF 5