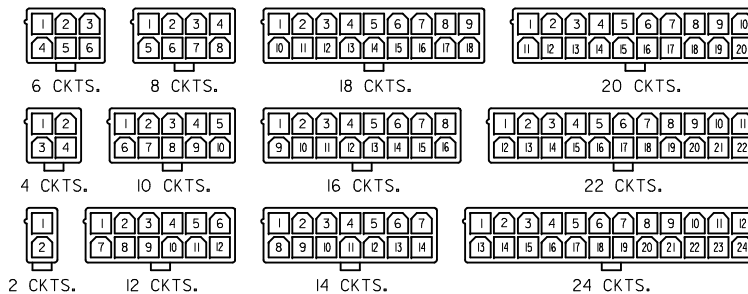
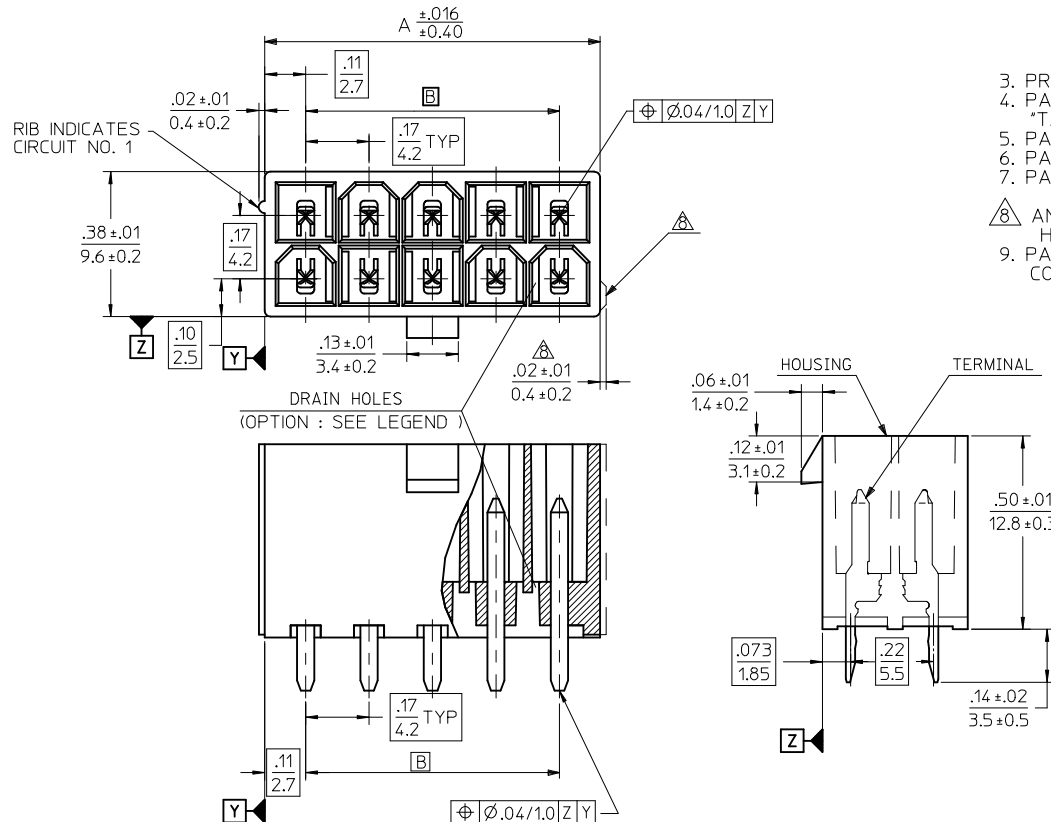


CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	.21 (5.4)	—
4	.38 (9.6)	.17 (4.2)
6	.54 (13.8)	.33 (8.4)
8	.71 (18.0)	.50 (12.6)
10	.87 (22.2)	.66 (16.8)
12	1.04 (26.4)	.83 (21.0)
14	1.20 (30.6)	.99 (25.2)
16	1.37 (34.8)	1.16 (29.4)
18	1.54 (39.0)	1.32 (33.6)
20	1.70 (43.2)	1.49 (37.8)
22	1.87 (47.4)	1.65 (42.0)
24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



CIRCUIT SIZE LAYOUT



(NON ACCUM.)

.1654 ± 0.004 TYP

4.200 ± 0.10

.217 ± 0.004

5.50 ± 0.10

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

NOTES:

1. 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

2. TERMINAL PLATING:

'BLANK' = BRIGHT TIN 0.00035/(0.00090) MIN.

OVER COPPER .000020/(0.00050) MIN. (BRASS)

TIN .000035/(0.00090) MIN. REFLOW TREATMENT

OR BRIGHT TIN .000035/(0.00090) MIN. (PHOSPHOR BRONZE)

'S' = .000100/(0.00254) MIN. BRIGHT 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

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING: 'BLANK' = BULK PACKED,

'TA' = TRAY PACK PER PK-5566-001, 'TR' = TRAY PACK PER PK-5566

5. PART MATES WITH MINI-FIT JR. RECEPTACLE NO. 5557.

6. PART IS NOT DESIGNED FOR CURRENT SHARING.

7. PARTS ARE NOT DESIGNED TO BE MATED OR UN-MATED

WHILE CIRCUITS ARE LIVE.

8. ANTI-SHINGLING RIB MAY OR MAY NOT APPEAR ON

HOUSINGS.

9. PART CONFORMS TO CLASS "B" REQUIREMENTS OF

COSMETIC SPECIFICATION PS-45499-002.

ADD P/N'S		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: UCP2014-2112		DESCRIPTION		mm		IN/MM		4:1		METRIC		MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS	
2013/11/13	2013/11/13	2013/11/13	2013/11/13	4 PLACES ± ---	± ---	H.HIRAMOTO	'89/04/03	DRAWN BY		DATE		TITLE	
2013/11/13	2013/11/13	2013/11/13	2013/11/13	3 PLACES ± ---	± .005	CHECKED BY	DATE	M.FUKUSHIMA		'94/04/20		MOLEX INCORPORATED	
2013/11/13	2013/11/13	2013/11/13	2013/11/13	2 PLACES ± .13	± .010	APPROVED BY	DATE	FSMITH		2012/05/04		SD-5566-002	
2013/11/13	2013/11/13	2013/11/13	2013/11/13	1 PLACE ± .25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.		1 OF 5	
L7		REV		ANGULAR ± 3 °		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

A

PARTS WITH OUT DRAIN HOLES

[illegible]

13	12	11	10	9	8	7	6	5	4	3	2	1
J	39-30-9247	5566-24BGS2-2 IO	39-31-0248	5566-24BGS-2 IO	39-31-0242	5566-24BS-2 IO	39-31-0240	5566-24B-2 IO	39-30-6244	5566-24APBS-2 IO	24	
	▲ -9227	▲ -22BGS2-2 IO	▲ -0228	▲ -22BGS-2 IO	▲ -0222	▲ -22BS-2 IO	▲ -0220	▲ -22B-2 IO	▲ -6224	▲ -22APBS-2 IO	22	
	-9207	-20BGS2-2 IO	-0208	-20BGS-2 IO	-0202	-20BS-2 IO	-0200	-20B-2 IO	-6204	-20APBS-2 IO	20	
	-9187	-18BGS2-2 IO	-0188	-18BGS-2 IO	-0182	-18BS-2 IO	-0180	-18B-2 IO	-6184	-18APBS-2 IO	18	
	-9167	-16BGS2-2 IO	-0168	-16BGS-2 IO	-0162	-16BS-2 IO	-0160	-16B-2 IO	-6164	-16APBS-2 IO	16	
	-9147	-14BGS2-2 IO	-0148	-14BGS-2 IO	-0142	-14BS-2 IO	-0140	-14B-2 IO	-6144	-14APBS-2 IO	14	
	-9127	-12BGS2-2 IO	-0128	-12BGS-2 IO	-0122	-12BS-2 IO	-0120	-12B-2 IO	-6124	-12APBS-2 IO	12	
	-9107	-10BGS2-2 IO	-0108	-10BGS-2 IO	-0102	-10BS-2 IO	-0100	-10B-2 IO	-6104	-10APBS-2 IO	10	
	-9087	-08BGS2-2 IO	-0088	-08BGS-2 IO	-0082	-08BS-2 IO	-0080	-08B-2 IO	-6084	-08APBS-2 IO	8	
	-9067	-06BGS2-2 IO	-0068	-06BGS-2 IO	-0062	-06BS-2 IO	-0060	-06B-2 IO	-6064	-06APBS-2 IO	6	
▼ -9047	▼ -04BGS2-2 IO	▼ -0048	▼ -04BGS-2 IO	▼ -0042	▼ -04BS-2 IO	▼ -0040	▼ -04B-2 IO	▼ -6044	▼ -04APBS-2 IO	4		
39-30-9027	5566-02BGS2-2 IO	39-31-0028	5566-02BGS-2 IO	39-31-0022	5566-02BS-2 IO	39-31-0020	5566-02B-2 IO	39-30-6024	5566-02APBS-2 IO	2		
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE		
5566-NBGS2-2 IO		5566-NBGS-2 IO		5566-NBS-2 IO		5566-NB-2 IO		5566-NAPBS-2 IO				
39-30-9246	5566-24BGS2	39-31-0247	5566-24BGS	39-31-0241	5566-24BS	39-29-3246	5566-24B	39-30-6243	5566-24APBS	24		
▲ -9226	▲ -22BGS2	▲ -0227	▲ -22BGS	▲ -0221	▲ -22BS	▲ -3226	▲ -22B	▲ -6223	▲ -22APBS	22		
-9206	-20BGS2	-0207	-20BGS	-0201	-20BS	-3206	-20B	-6203	-20APBS	20		
-9186	-18BGS2	-0187	-18BGS	-0181	-18BS	-3186	-18B	-6183	-18APBS	18		
-9166	-16BGS2		-16BGS	-0161	-16BS	-3166	-16B	-6163	-16APBS	16		
-9146	-14BGS2	-0147	-14BGS	-0141	-14BS	-3146	-14B	-6143	-14APBS	14		
-9126	-12BGS2	-0127	-12BGS	-0121	-12BS	-3126	-12B	-6123	-12APBS	12		
-9106	-10BGS2	-0107	-10BGS	-0101	-10BS	-3106	-10B	-6103	-10APBS	10		
-9086	-08BGS2	-0087	-08BGS	-0081	-08BS	-3086	-08B	-6083	-08APBS	8		
-9066	-06BGS2	-0067	-06BGS	-0061	-06BS	-3066	-06B	-6063	-06APBS	6		
▼ -9046	▼ -04BGS2	▼ -0047	▼ -04BGS	▼ -0041	▼ -04BS	▼ -3046	▼ -04B	▼ -6043	▼ -04APBS	4		
39-30-9026	5566-02BGS2	39-31-0027	5566-02BGS	39-31-0021	5566-02BS	39-29-3026	5566-02B	39-30-6023	5566-02APBS	2		
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE		
5566-NBGS2		5566-NBGS		5566-NBS		5566-NB		5566-NAPBS				
		39-31-0245	5566-24BPBS	39-31-0243	5566-24BPB	39-31-0246	5566-24BPBS-2 IO	39-31-0244	5566-24BPB-2 IO	24		
		▲ -0225	▲ -22BPBS	▲ -0223	▲ -22BPB	▲ -0226	▲ -22BPBS-2 IO	▲ -0224	▲ -22BPB-2 IO	22		
		-0205	-20BPBS	-0203	-20BPB	-0206	-20BPBS-2 IO	-0204	-20BPB-2 IO	20		
		-0185	-18BPBS	-0183	-18BPB	-0186	-18BPBS-2 IO	-0184	-18BPB-2 IO	18		
		-0165	-16BPBS	-0163	-16BPB	-0166	-16BPBS-2 IO	-0164	-16BPB-2 IO	16		
		-0145	-14BPBS	-0143	-14BPB	-0146	-14BPBS-2 IO	-0144	-14BPB-2 IO	14		
		-0125	-12BPBS	-0123	-12BPB	-0126	-12BPBS-2 IO	-0124	-12BPB-2 IO	12		
		-0105	-10BPBS	-0103	-10BPB	-0106	-10BPBS-2 IO	-0104	-10BPB-2 IO	10		
		-0085	-08BPBS	-0083	-08BPB	-0086	-08BPBS-2 IO	-0084	-08BPB-2 IO	8		
		-0065	-06BPBS	-0063	-06BPB	-0066	-06BPBS-2 IO	-0064	-06BPB-2 IO	6		
		▼ -0045	▼ -04BPBS	▼ -0043	▼ -04BPB	▼ -0046	▼ -04BPBS-2 IO	▼ -0044	▼ -04BPB-2 IO	4		
		39-31-0025	5566-02BPBS	39-31-0023	5566-02BPB	39-31-0026	5566-02BPBS-2 IO	39-31-0024	5566-02BPB-2 IO	2		
		EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	EDP NO.	ENG. NO	CKT. SIZE		
		5566-NBPBS		5566-NBPB		5566-NBPBS-2 IO		5566-NBPB-2 IO				

SEE SHEET 1
EC NO: UCP2014-2112
DRAWN: NGUYEN
CHKD: J.BELL
APPR: FSMITH
2013/11/13
2013/11/13
2013/11/27

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ±.--- INCH
3 PLACES ±.--- INCH
2 PLACES ±.13 INCH
1 PLACE ±.25 INCH
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY DATE
H.HIRAMOTO '89/04/03
CHECKED BY DATE
M.FUKUSHIMA '94/04/20
APPROVED BY DATE
FSMITH 2012/05/04
MATERIAL NO.
SEE TABLE
SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE
1:1
TITLE
MINI FIT JR VERTICAL
HEADER ASSEMBLIES
WITHOUT PEGS
molex MOLEX INCORPORATED
DOCUMENT NO.
SD-5566-002
SHEET NO.
3 OF 5

DESIGN UNITS
METRIC
THIRD ANGLE
PROJECTION

PARTS WITH DRAIN HOLES

121110987654321

	13	12	11	10	9	8	7	6	5	4	3	2	1	
J														J
I														I
H														H
G														G
F														F
E														E
D														D
C														C
B														B
A														A

COLORED PART NUMBERS

														24
														22
														20
														18
														16
														14
														12
														10
														8
														6
														4
														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.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAS-RE		5566-NAS-OR		5566-NAS-V										
								39-35-0248	5566-24A-400					24
								39-35-0228	▲-22A-400					22
								39-35-0208	-20A-400					20
								39-35-0188	-18A-400					18
							39-33-3169	5566-16A-210-BU	39-35-0168					16
									39-35-0148					14
									39-35-0128					12
						39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-0108				10
46999-0091	5566-08AS-GRE									39-35-0088				8
										39-35-0068				6
						39-33-4040	5566-04A-210-RE	39-33-3049	5566-04A-210-BU	39-35-0048	▼-04A-400			4
50-36-2485	5566-02AS-GRE	39-34-5023	5566-02A-210-YE	39-33-4020	5566-02A-210-RE	39-33-3029	5566-02A-210-BU	39-35-0028	5566-02A-400					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.	EDP. NO.	ENG. NO.	CKT. SIZE
5566-NAS-GRE		5566-NA-210-YE		5566-NA-210-RE		5566-NA-210-BU		5566-NA-400						
														24
														22
														20
														18
														16
39-33-3145	5566-14A-GR													14
														12
														10
														8
														6
														4
														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.	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

SEE SHEET 1

EC NO: UCP2014-2112

2013/11/13

DRW:NGUYEN

2013/11/13

CHKD:JBELL

2013/11/13

APPR:FSMITH

2013/11/13

REV

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .---	± .---
3 PLACES	± .---	± .005
2 PLACES	± .13	± .010
1 PLACE	± .25	± .---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY

H.HIRAMOTO

DATE

'89/04/03

CHECKED BY

M.FUKUSHIMA

DATE

'94/04/20

APPROVED BY

FSMITH

DATE

2012/05/04

SCALE

1:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS

MOLEX INCORPORATED

SD-5566-002

SHEET NO.

4 OF 5

MATERIAL NO.

DOCUMENT NO.

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