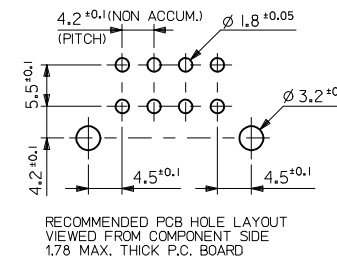
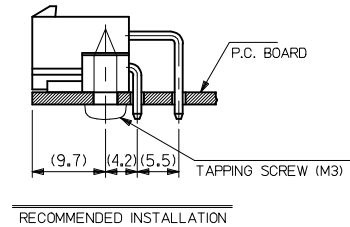
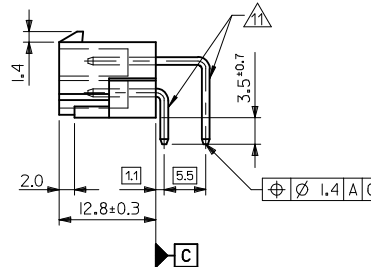
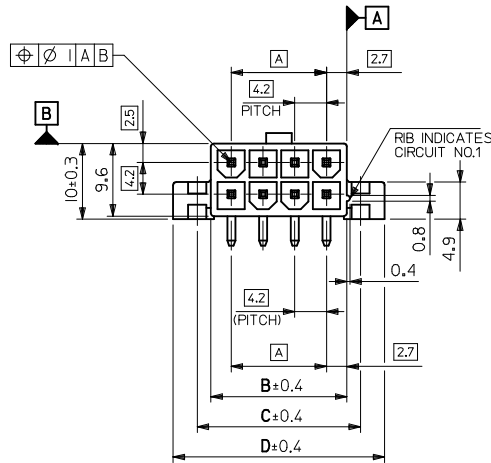
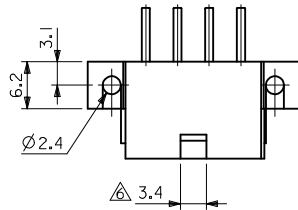


ENG. NO.	HEADER MATERIAL	FINISH OF PIN
5569-NA1	NYLON 66, UL94V-2, COLOR: NATURAL	MATTE TIN 2.54 μ m MIN.
▲ -NA1-210	NYLON 66, UL94V-0, COLOR: NATURAL	OVER NICKEL 1.27 μ m MIN.
-NAG1	NYLON 66, UL94V-2, COLOR: NATURAL	GOLD 0.76 μ m MIN. AND TIN OVER 2.54 μ m MIN.
-NAG1-210	NYLON 66, UL94V-0, COLOR: NATURAL	OVER NICKEL 1.27 μ m MIN.
-NAIGS2	NYLON 66, UL94V-2, COLOR: NATURAL	GOLD 0.38 μ m MIN. AND TIN OVER 2.54 μ m MIN.
-NAIGS2-210	NYLON 66, UL94V-0, COLOR: NATURAL	OVER NICKEL 1.27 μ m MIN.
▼ -NAIGS3	NYLON 66, UL94V-2, COLOR: NATURAL	GOLD 1.27 μ m MIN. AND TIN OVER 2.54 μ m MIN.
5569-NAIGS3-210	NYLON 66, UL94V-0, COLOR: NATURAL	OVER NICKEL 1.27 μ m MIN.



RECOMMENDED PCB HOLE LAYOUT
VIEWED FROM COMPONENT SIDE
1.78 MAX. THICK P.C. BOARD

NOTES:

1. MATERIAL:

HOUSING MATERIAL: SEE CHART
TERMINAL MATERIAL: BRASS ALLOY

2. FINISH: SEE CHART

3. PRODUCT SPECIFICATION: PS-5556-001

4. PACKAGING SPECIFICATION: TBD

5. MATES WITH 5557 SERIES MINIFIT JR RECEPTACLE

▲ FOR THE 2 CIRCUITS HEADER, THIS DIMENSION IS 4.2 MM

7. DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.

8. PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

9. CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

▲ FORMING MARKS ON PINS ARE ACCEPTABLE.

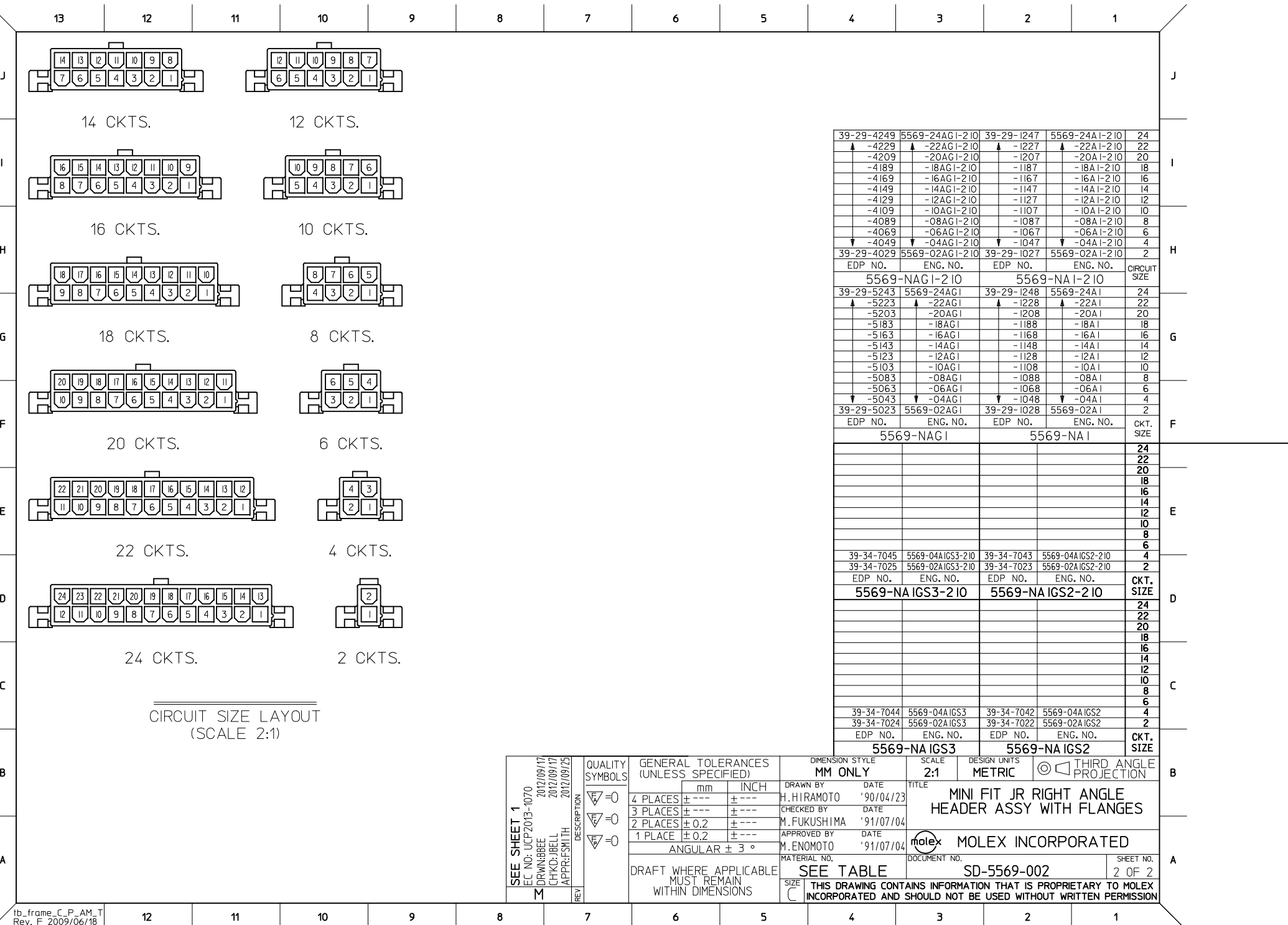
61.6	55.2	51.6	46.2	24
57.4	51	47.4	42	22
53.2	46.8	43.2	37.8	20
49	42.6	39	33.6	18
44.8	38.4	34.8	29.4	16
40.6	34.2	30.6	25.2	14
36.4	30	26.4	21	12
32.2	25.8	22.2	16.8	10
28	21.6	18	12.6	8
23.8	17.4	13.8	8.4	6
19.6	13.2	9.6	4.2	4
15.4	9	5.4	—	2
D	C	B	A	NO. OF CIRCUITS

REMOVE OBS P/N S	QUALITY SYMBOLS
EC NO: UCP2013-1070	▽=0
DRWN:BBEE	▽=0
CHKD:JBELL	▽=0
APPR:FSMITH	▽=0
REV	

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.2	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	2:1	METRIC	
DRAWN BY	DATE		
H. HIRAMOTO	'90/04/23		
CHECKED BY	DATE		
M. FUKUSHIMA	'91/07/04		
APPROVED BY	DATE		
M. ENOMOTO	'91/07/04		
MATERIAL NO.			
SEE TABLE			
SIZE			
C			

SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE MINI FIT JR RIGHT ANGLE HEADER ASSY WITH FLANGES		
MOLEX INCORPORATED		
DOCUMENT NO. SD-5569-002		SHEET NO. 1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



39-29-4249	5569-24AG1-2 IO	39-29-1247	5569-24A1-2 IO	24
▲ -4229	▲ -22AG1-2 IO	▲ -1227	▲ -22A1-2 IO	22
-4209	-20AG1-2 IO	-1207	-20A1-2 IO	20
-4189	-18AG1-2 IO	-1187	-18A1-2 IO	18
-4169	-16AG1-2 IO	-1167	-16A1-2 IO	16
-4149	-14AG1-2 IO	-1147	-14A1-2 IO	14
-4129	-12AG1-2 IO	-1127	-12A1-2 IO	12
-4109	-10AG1-2 IO	-1107	-10A1-2 IO	10
-4089	-08AG1-2 IO	-1087	-08A1-2 IO	8
-4069	-06AG1-2 IO	-1067	-06A1-2 IO	6
▼ -4049	▼ -04AG1-2 IO	▼ -1047	▼ -04A1-2 IO	4
39-29-4029	5569-02AG1-2 IO	39-29-1027	5569-02A1-2 IO	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CIRCUIT SIZE
5569-NAG1-2 IO		5569-NA1-2 IO		
39-29-5243	5569-24AG1	39-29-1248	5569-24A1	24
▲ -5223	▲ -22AG1	▲ -1228	▲ -22A1	22
-5203	-20AG1	-1208	-20A1	20
-5183	-18AG1	-1188	-18A1	18
-5163	-16AG1	-1168	-16A1	16
-5143	-14AG1	-1148	-14A1	14
-5123	-12AG1	-1128	-12A1	12
-5103	-10AG1	-1108	-10A1	10
-5083	-08AG1	-1088	-08A1	8
-5063	-06AG1	-1068	-06A1	6
▼ -5043	▼ -04AG1	▼ -1048	▼ -04A1	4
39-29-5023	5569-02AG1	39-29-1028	5569-02A1	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5569-NAG1		5569-NA1		
				24
				22
				20
				18
				16
				14
				12
				10
				8
				6
39-34-7045	5569-04AIGS3-2 IO	39-34-7043	5569-04AIGS2-2 IO	4
39-34-7025	5569-02AIGS3-2 IO	39-34-7023	5569-02AIGS2-2 IO	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5569-NAIGS3-2 IO		5569-NAIGS2-2 IO		
				24
				22
				20
				18
				16
				14
				12
				10
				8
				6
39-34-7044	5569-04AIGS3	39-34-7042	5569-04AIGS2	4
39-34-7024	5569-02AIGS3	39-34-7022	5569-02AIGS2	2
EDP NO.	ENG. NO.	EDP NO.	ENG. NO.	CKT. SIZE
5569-NAIGS3		5569-NAIGS2		

CIRCUIT SIZE LAYOUT
(SCALE 2:1)

SEE SHEET 1

EC NO: UCP2013-1070

2012/09/17

DRWN:JBEE

2012/09/17

CHKD:JBELL

2012/09/25

APPR:FSMITH

REV

DESCRIPTION

QUALITY SYMBOLS

4 PLACES ± --- ± ---

3 PLACES ± --- ± ---

2 PLACES ± 0.2 ± ---

1 PLACE ± 0.2 ± ---

ANGULAR ± 3 °

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

CHECKED BY

DATE

APPROVED BY

DATE

MATERIAL NO.

SIZE

C

SCALE

2:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MINI FIT JR RIGHT ANGLE HEADER ASSY WITH FLANGES

MOLEX INCORPORATED

DOCUMENT NO.

SD-5569-002

SHEET NO.

2 OF 2

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