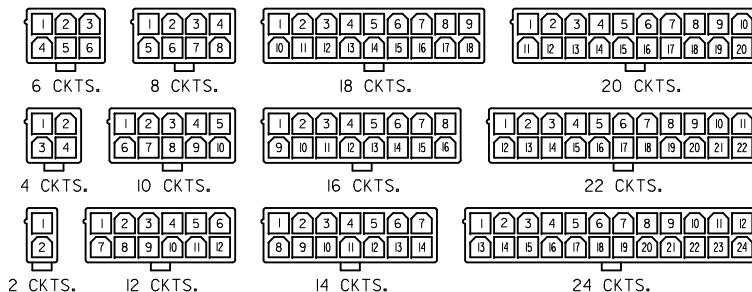
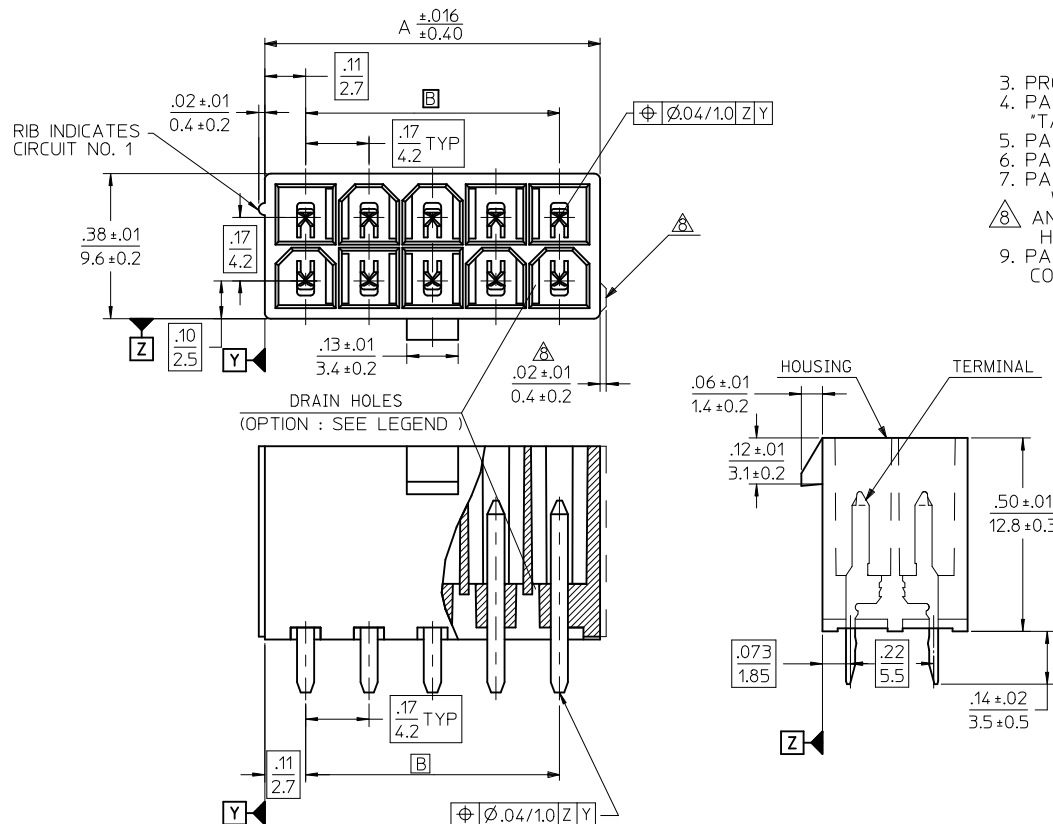


CIRCUIT SIZE	DIM. "A"	DIM. "B"
2	.21 (5.4)	—
4	.38 (9.6)	.17 (4.2)
6	.54 (13.8)	.33 (8.4)
8	.71 (18.0)	.50 (12.6)
10	.87 (22.2)	.66 (16.8)
12	1.04 (26.4)	.83 (21.0)
14	1.20 (30.6)	.99 (25.2)
16	1.37 (34.8)	1.16 (29.4)
18	1.54 (39.0)	1.32 (33.6)
20	1.70 (43.2)	1.49 (37.8)
22	1.87 (47.4)	1.65 (42.0)
24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



CIRCUIT SIZE LAYOUT



LEGEND

5566 - N * * * * *

BASE NUMBER

CIRCUIT SIZE

ASSY TYPE

A : WITHOUT DRAIN HOLES

B : WITH DRAIN HOLES

TERMINAL MATERIAL

SEE NOTE 1

TERMINAL PLATING

SEE NOTE 2

HOUSING MATERIAL

SEE NOTE 1

COLOR OR PACKAGING

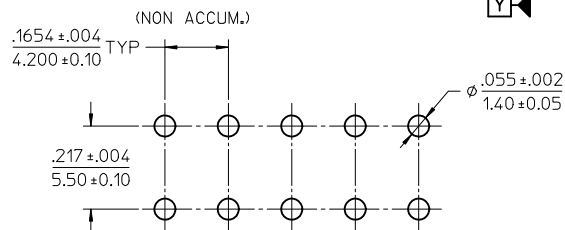
BL : BLACK RE : RED GR : GRAY

BU : BLUE YE : YELLOW GRE : GREEN

V : VIOLET OR : ORANGE

TA : TRAY PACKAGING SEE NOTE 4

TR : TRAY PACKAGING SEE NOTE 4



ADD P/N'S EC NO: UCP2012-3941 DRAWN BY: 2012/06/11 CHKD: J.BELL 2012/06/11 APPR: F.S.MITH 2012/06/25 REV: L6	DESCRIPTION REV:	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 °	DIMENSION STYLE IN/MM DRAWN BY: H.HIRAMOTO DATE: '89/04/03 CHECKED BY: M.FUKUSHIMA DATE: '94/04/20 APPROVED BY: F.S.MITH DATE: 2012/05/04	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	MINI FIT JR VERTICAL HEADER ASSEMBLIES WITHOUT PEGS MOLEX INCORPORATED MATERIAL NO. SEE TABLE DOCUMENT NO. SD-5566-002 SHEET NO. 1 OF 5

- 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
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.

A

PARTS WITH OUT DRAIN HOLES

ib_frame_C_P_AM_T Rev. F 2009/06/18	12	11	10	9	8	7	6	5	4	3	2	1
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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	
I	-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	
H	▼ -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	
G	▲ -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	
F	-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	
E	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			
D	-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			
C	-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			
B	EDP NO.	ENG. NO	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								
A												
13121110987654321 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 987654321 87654321 7654321 654321 54321 4321 321 21 1 121110987654321 1110987654321 10987654321 9												

	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	-16A-400				16
								39-35-0148	-14A-400					14
								39-35-0128	-12A-400					12
						39-33-4100	5566-10A-210-RE	39-33-3109	5566-10A-210-BU	39-33-0108	-10A-400			10
46999-0091	5566-08AS-GRE									39-35-0088	-08A-400			8
										39-35-0068	-06A-400			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: UCP2012-3941

2012/06/11

DRW:NGUYEN

2012/06/11

CHKD:JBELL

2012/06/25

APPR:FSMITH

REV

L6

QUALITY SYMBOLS

▽=0

▽=0

▽=0

DESCRIPTION

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.

SEE TABLE

DOCUMENT NO.

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

	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

TRAY PACKED PART NUMBERS

PARTS WITHOUT DRAIN HOLES						39-53-9249	5566-24A-210-TA	39-53-9248	5566-24A-TA	24	
							↑ -22A-210-TA	↑ -9228	↑ -22A-TA	22	
							-20A-210-TA	-9208	-20A-TA	20	
			39-34-1180	5566-18A-210-TR			-18A-210-TA	-9188	-18A-TA	18	
							-16A-210-TA	-9168	-16A-TA	16	
							-14A-210-TA	-9148	-14A-TA	14	
							-12A-210-TA	-9128	-12A-TA	12	
							-10A-210-TA	-9108	-10A-TA	10	
							-08A-210-TA	-9088	-08A-TA	8	
							-06A-210-TA	-9068	-06A-TA	6	
							↓ -04A-210-TA	↓ -9048	↓ -04A-TA	4	
							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.	EDP NO.	ENG. NO.	CKT. SIZE
	5566-NA-210-TR				5566-NA-210-TA		5566-NA-TA				

SEE SHEET 1 EC NO: UCP2012-3941 2012/06/11 DRAWN:NGUYEN CHKD:JBELL 2012/06/11 APPR:FSMITH 2012/06/25	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
						IN/MM		1:1	METRIC				
					mm		INCH	TITLE					
				4 PLACES	± .---	± .---	DRAWN BY	DATE	MOLEX INCORPORATED				
				3 PLACES	± .---	± .005	CHECKED BY	DATE					
				2 PLACES	± .13	± .010	M.FUKUSHIMA	'94/04/20					
				1 PLACE	± .25	± .---	APPROVED BY	DATE					
				ANGULAR ± 3 °		FSMITH		2012/05/04					
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.			DOCUMENT NO.		SHEET NO.
								SEE TABLE			SD-5566-002		5 OF 5
				SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							