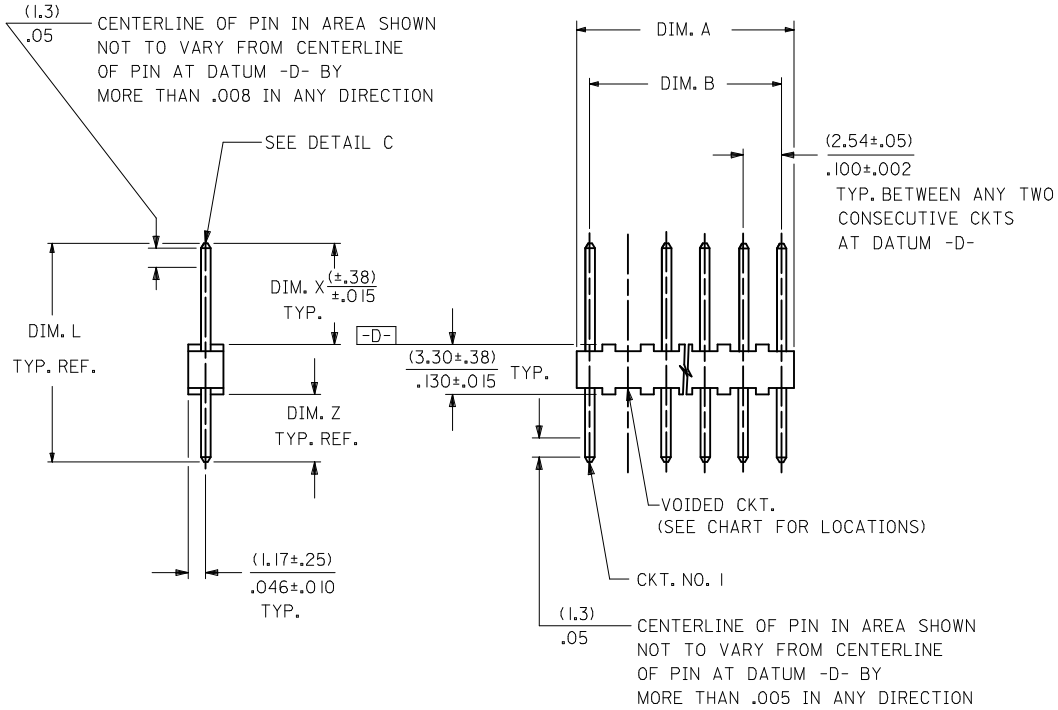
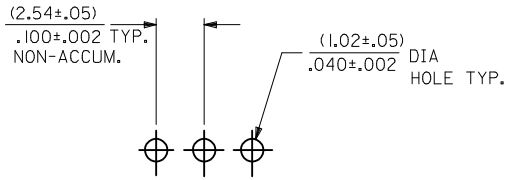


CKTS. NO. OF	DIM. B	DIM. A
2	(2.54 ± .05) .100 ± .002	(4.83 ± .20) .190 ± .008
3	(5.08 ± .13) .200 ± .005	(7.37 ± .20) .290 ± .008
4	(7.62 ± .13) .300 ± .005	(9.91 ± .20) .390 ± .008
5	(10.16 ± .13) .400 ± .005	(12.45 ± .20) .490 ± .008
6	(12.70 ± .15) .500 ± .006	(14.99 ± .23) .590 ± .009
7	(15.24 ± .15) .600 ± .006	(17.53 ± .23) .690 ± .009
8	(17.78 ± .15) .700 ± .006	(20.07 ± .23) .790 ± .009
9	(20.32 ± .18) .800 ± .007	(22.61 ± .25) .890 ± .010
10	(22.86 ± .18) .900 ± .007	(25.15 ± .25) .990 ± .010
11	(25.40 ± .18) 1.000 ± .007	(27.69 ± .25) 1.090 ± .010
12	(27.94 ± .20) 1.100 ± .008	(30.23 ± .28) 1.190 ± .011
13	(30.48 ± .20) 1.200 ± .008	(32.77 ± .28) 1.290 ± .011
14	(33.02 ± .20) 1.300 ± .008	(35.31 ± .28) 1.390 ± .011
15	(35.56 ± .20) 1.400 ± .008	(37.85 ± .28) 1.490 ± .011
16	(38.10 ± .20) 1.500 ± .008	(40.39 ± .28) 1.590 ± .011



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

LEGEND

A-4380-N ✱ ✱ ✱ - ✱

- ✱ ✱ ✱ : NO. OF CKTS.
- ✱ ✱ : VERSION — LETTER CHANGES WHEN PIN NO. OR PRESS DIM. CHANGES.
- ✱ : VOID LOCATION — NO VOID = SEE 4030 SERIES DWG. WITH VOIDS = NO. CORRESPONDS TO CKT. NO. VOIDED. MULT. VOIDS = START WITH 51 AND ARE ASSIGNED CONSECUTIVELY.
- PLATING CODE: PER SDES-88.

SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4030-001

NOTES:

1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
2. FINISH:
   - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL.
   - (241) SELECT GOLD: 0.00051/.000020 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING: SEE LEGEND
5. PINS MUST CONFORM TO SOLDERABILITY SPEC. SMES-152.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
9. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

NOTE 9 ADDED
EC NO: UCP2017-2793 2017/06/28
DRWN: GES
CHKD:
APPR: ISHWARG 2017/07/28
DESCRIPTION
ZA4
REV

QUALITY SYMBOLS
F =0
E =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

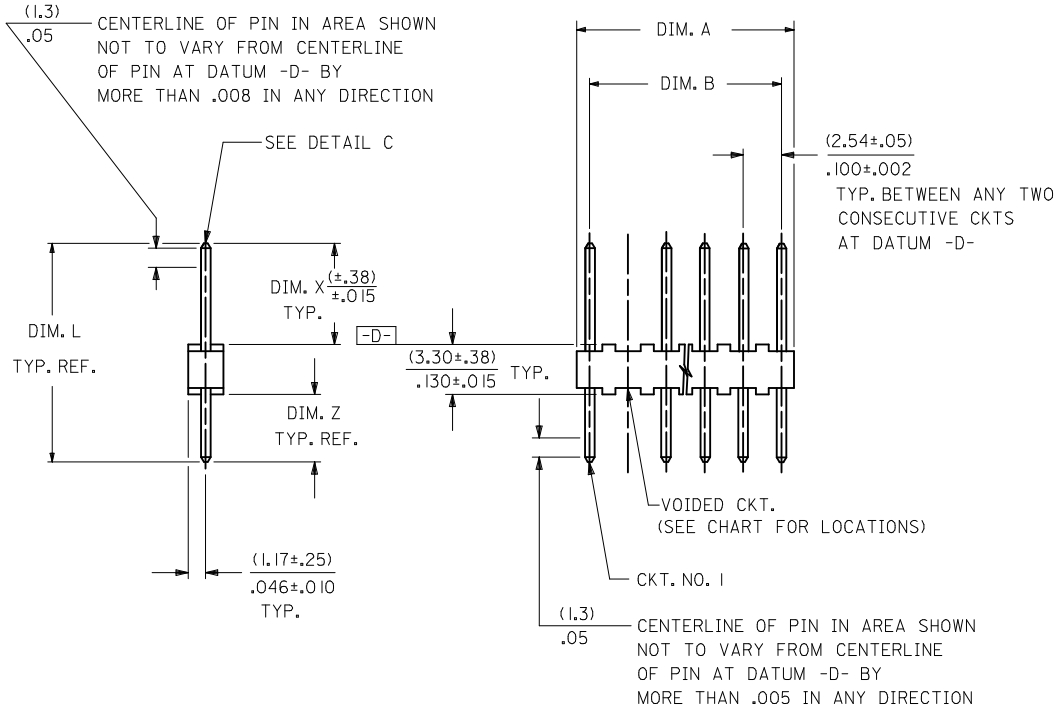
DRAWN BY	SAMIEC	DATE 1984/09/07
CHECKED BY	DS	DATE 1984/09/07
APPROVED BY	KJA	DATE 1984/09/07

TITLE: KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS

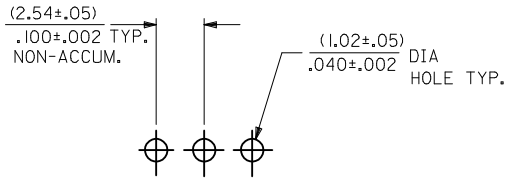
molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-4380
SHEET NO.: 1 OF 3
SIZE: C

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



CKTS. NO. OF	DIM. B	DIM. A
2	(2.54 ± .05) .100 ± .002	(4.83 ± .20) .190 ± .008
3	(5.08 ± .13) .200 ± .005	(7.37 ± .20) .290 ± .008
4	(7.62 ± .13) .300 ± .005	(9.91 ± .20) .390 ± .008
5	(10.16 ± .13) .400 ± .005	(12.45 ± .20) .490 ± .008
6	(12.70 ± .15) .500 ± .006	(14.99 ± .23) .590 ± .009
7	(15.24 ± .15) .600 ± .006	(17.53 ± .23) .690 ± .009
8	(17.78 ± .15) .700 ± .006	(20.07 ± .23) .790 ± .009
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11	(25.40 ± .18) 1.000 ± .007	(27.69 ± .25) 1.090 ± .010
12	(27.94 ± .20) 1.100 ± .008	(30.23 ± .28) 1.190 ± .011
13	(30.48 ± .20) 1.200 ± .008	(32.77 ± .28) 1.290 ± .011
14	(33.02 ± .20) 1.300 ± .008	(35.31 ± .28) 1.390 ± .011
15	(35.56 ± .20) 1.400 ± .008	(37.85 ± .28) 1.490 ± .011
16	(38.10 ± .20) 1.500 ± .008	(40.39 ± .28) 1.590 ± .011



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

LEGEND

A-4380-N ✱ ✱ ✱ - ✱

- ✱ ✱ ✱ : NO. OF CKTS.
- ✱ ✱ : VERSION — LETTER CHANGES WHEN PIN NO. OR PRESS DIM. CHANGES.
- ✱ : VOID LOCATION — NO VOID = SEE 4030 SERIES DWG. WITH VOIDS = NO. CORRESPONDS TO CKT. NO. VOIDED. MULT. VOIDS = START WITH 51 AND ARE ASSIGNED CONSECUTIVELY.
- PLATING CODE: PER SDES-88.

SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4030-001

NOTES:

1. MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
2. FINISH:
   - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL.
   - (241) SELECT GOLD: 0.00051/.000020 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING: SEE LEGEND
5. PINS MUST CONFORM TO SOLDERABILITY SPEC. SMES-152.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
9. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

NOTE 9 ADDED
EC NO: UCP2017-2793 2017/06/28
DRWN: GES
CHKD:
APPR: ISHWARG 2017/07/28
DESCRIPTION
ZA4
REV

QUALITY SYMBOLS
F =0
E =0
P =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .014
1 PLACE	± 0.36	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	SAMIEC	DATE 1984/09/07
CHECKED BY	DS	DATE 1984/09/07
APPROVED BY	KJA	DATE 1984/09/07

TITLE: KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-4380
SHEET NO.: 1 OF 3
SIZE: C

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

ENG. NO.	PIN NO.	DIM. L	DIM. X	DIM. Z	DIM. G	DIM. T
A-4380-NA197-*	42663-0302	(14.22) .560	(7.49) .295	(3.43) .135	N/A	OVERALL
A-4380-NA241-*	42663-0305	(14.22) .560	(7.49) .295	(3.43) .135	(3.56) .140	(3.43) .135
A-4380-NC197-*	42663-0562	(17.53) .690	(11.13) .438	(3.10) .122	N/A	OVERALL

CHANGE PIN
EC NO: UCP2012-1821 2012/01/23
DRWN:MMSTROH 2012/01/23
CH'KD:MK1PPER 2012/02/02
APPR:FSMITH
DESCRIPTION
ZA
REV

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: SAMIEC DATE: 1984/09/07
CHECKED BY: DS DATE: 1984/09/07
APPROVED BY: KJA DATE: 1984/09/07

TITLE
KK HEADER
(2.54)/.100 CENTERS
4030 WITH VOIDS

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-4380
SHEET NO.: 2 OF 3

SIZE C

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A-4380-NA197-*

PART NO.	ENG. NO.	VOID CKT.
22-04-2038	A-4380-3A197-2	2
22-04-2041	A-4380-4A197-2	2
22-04-2161	A-4380-16A197-2	2

A-4380-NA241-*

PART NO.	ENG. NO.	VOID CKT.
22-11-2031	A-4380-3A241-1	1
22-11-2061	A-4380-6A241-2	2
22-11-2071	A-4380-7A241-2	2
22-11-2081	A-4380-8A241-2	2

A-4380-NC197-*

PART NO.	ENG. NO.	VOID CKT.
22-04-2063	A-4380-6C197-2	2
22-04-2073	A-4380-7C197-2	2

SEE SHEET 1
EC NO: UCP2015-3608 2015/03/04
DRWN:MKIPPER 2015/03/04
CHKD:NNGUYEN 2015/03/10
APPR:FSMITH
DESCRIPTION
ZA3
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	±	±

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: ---
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: KKS DATE: 1984/09/07
CHECKED BY: DS DATE: 1984/09/07
APPROVED BY: DATE:

TITLE: KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-4380
SHEET NO.: 3 OF 3
SIZE: C

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