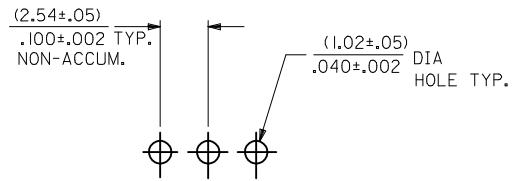


CKTS. NO. OF	DIM. B	DIM. A
2	( 2.54 $\pm$ .05 ) .100 $\pm$ .002	( 4.83 $\pm$ .20 ) .190 $\pm$ .008
3	( 5.08 $\pm$ .13 ) .200 $\pm$ .005	( 7.37 $\pm$ .20 ) .290 $\pm$ .008
4	( 7.62 $\pm$ .13 ) .300 $\pm$ .005	( 9.91 $\pm$ .20 ) .390 $\pm$ .008
5	( 10.16 $\pm$ .13 ) .400 $\pm$ .005	( 12.45 $\pm$ .20 )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



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

LEGEND

A-4380-N \* \* \* \* \*

NO. OF CKTS. ↑

VERSION ↑

LETTER CHANGES WHEN PIN NO. OR PRESS DIM. CHANGES.

PLATING CODE PER SDES-88. ↑

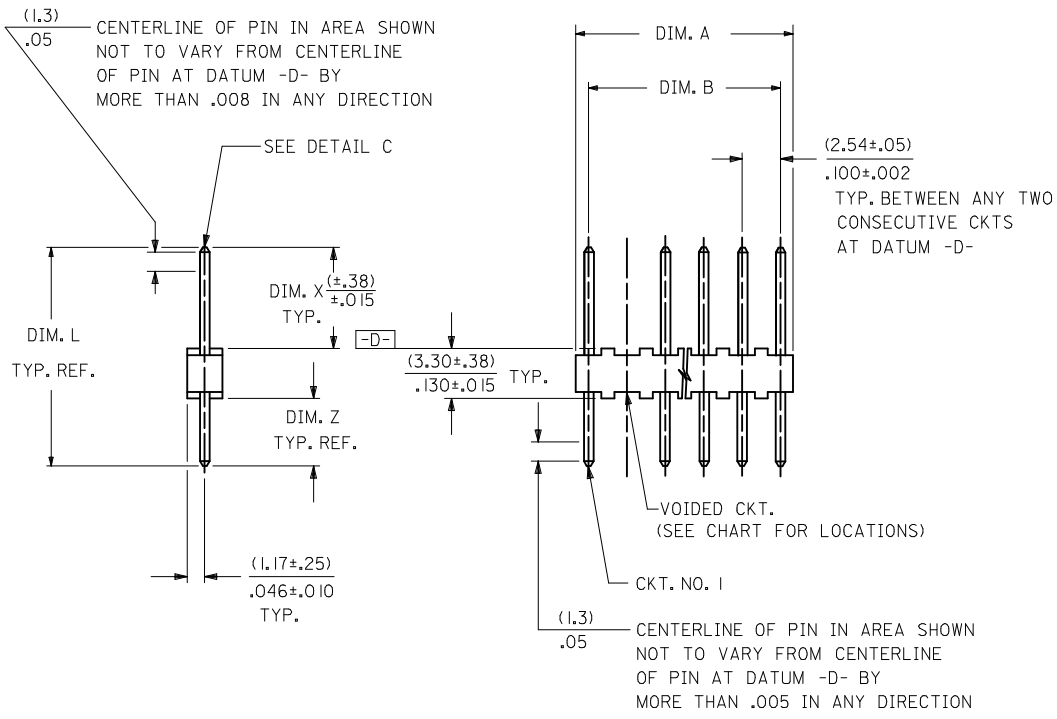
VOID LOCATION

NO VOID=SEE 4030 SERIES DWG. WITH VOIDS=NO. CORRESPONDS TO CKT. NO. VOIDED. MULT. VOIDS=START WITH 51 AND ARE ASSIGNED CONSECUTIVELY.

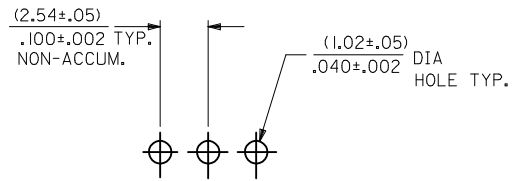
SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4030-001

- NOTES:
- MATERIAL: NYLON, UL 94V-0. COLOR: WHITE
  - 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.
  - PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
  - PACKAGING: SEE LEGEND
  - PINS MUST CONFORM TO SOLDERABILITY SPEC. SMES-152.
  - PIN PUSH OUT FORCE: 2 LBS. MIN.
  - PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
  - THIS 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.

NOTE 9 ADDED IEC NO: UCP2017-2793 DRWNGES 2017/06/28 CHKD: 2017/07/28 APPR: SHWARG REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	---	INCH	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE			TITLE
	▽=0	3 PLACES ± --- ±.010	SAMIEC 1984/09/07			KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS
	2 PLACES ± 0.25 ±.014	CHECKED BY DATE				
	1 PLACE ± 0.36 ± ---	DS 1984/09/07				
	0 PLACE ± ±	APPROVED BY DATE				
		KJA 1984/09/07				
		MATERIAL NO.	SEE CHART		DOCUMENT NO.	
		ANGULAR ±1/2°			SDA-4380	SHEET NO. 1 OF 3
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			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 $\pm .05$ ) .100 $\pm .002$	( 4.83 $\pm .20$ ) .190 $\pm .008$
3	( 5.08 $\pm .13$ ) .200 $\pm .005$	( 7.37 $\pm .20$ ) .290 $\pm .008$
4	( 7.62 $\pm .13$ ) .300 $\pm .005$	( 9.91 $\pm .20$ ) .390 $\pm .008$
5	( 10.16 $\pm .13$ ) .400 $\pm .005$	( 12.45 $\pm .20$ ) .490 $\pm .008$
6	( 12.70 $\pm .15$ ) .500 $\pm .006$	( 14.99 $\pm .23$ ) .590 $\pm .009$
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9	( 20.32 $\pm .18$ ) .800 $\pm .007$	( 22.61 $\pm .25$ ) .890 $\pm .010$
10	( 22.86 $\pm .18$ ) .900 $\pm .007$	( 25.15 $\pm .25$ ) .990 $\pm .010$
11	( 25.40 $\pm .18$ ) 1.000 $\pm .007$	( 27.69 $\pm .25$ ) 1.090 $\pm .010$
12	( 27.94 $\pm .20$ ) 1.100 $\pm .008$	( 30.23 $\pm .28$ ) 1.190 $\pm .011$
13	( 30.48 $\pm .20$ ) 1.200 $\pm .008$	( 32.77 $\pm .28$ ) 1.290 $\pm .011$
14	( 33.02 $\pm .20$ ) 1.300 $\pm .008$	( 35.31 $\pm .28$ ) 1.390 $\pm .011$
15	( 35.56 $\pm .20$ ) 1.400 $\pm .008$	( 37.85 $\pm .28$ ) 1.490 $\pm .011$
16	( 38.10 $\pm .20$ ) 1.500 $\pm .008$	( 40.39 $\pm .28$ ) 1.590 $\pm .011$



RECOMMENDED P.C. BOARD HOLE DIMENSIONS

LEGEND

A-4380-N \* \* \* \* \*

NO. OF CKTS. ↑

VERSION ↑

LETTER CHANGES WHEN PIN NO. OR PRESS DIM. CHANGES.

PLATING CODE PER SDES-88. ↑

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.

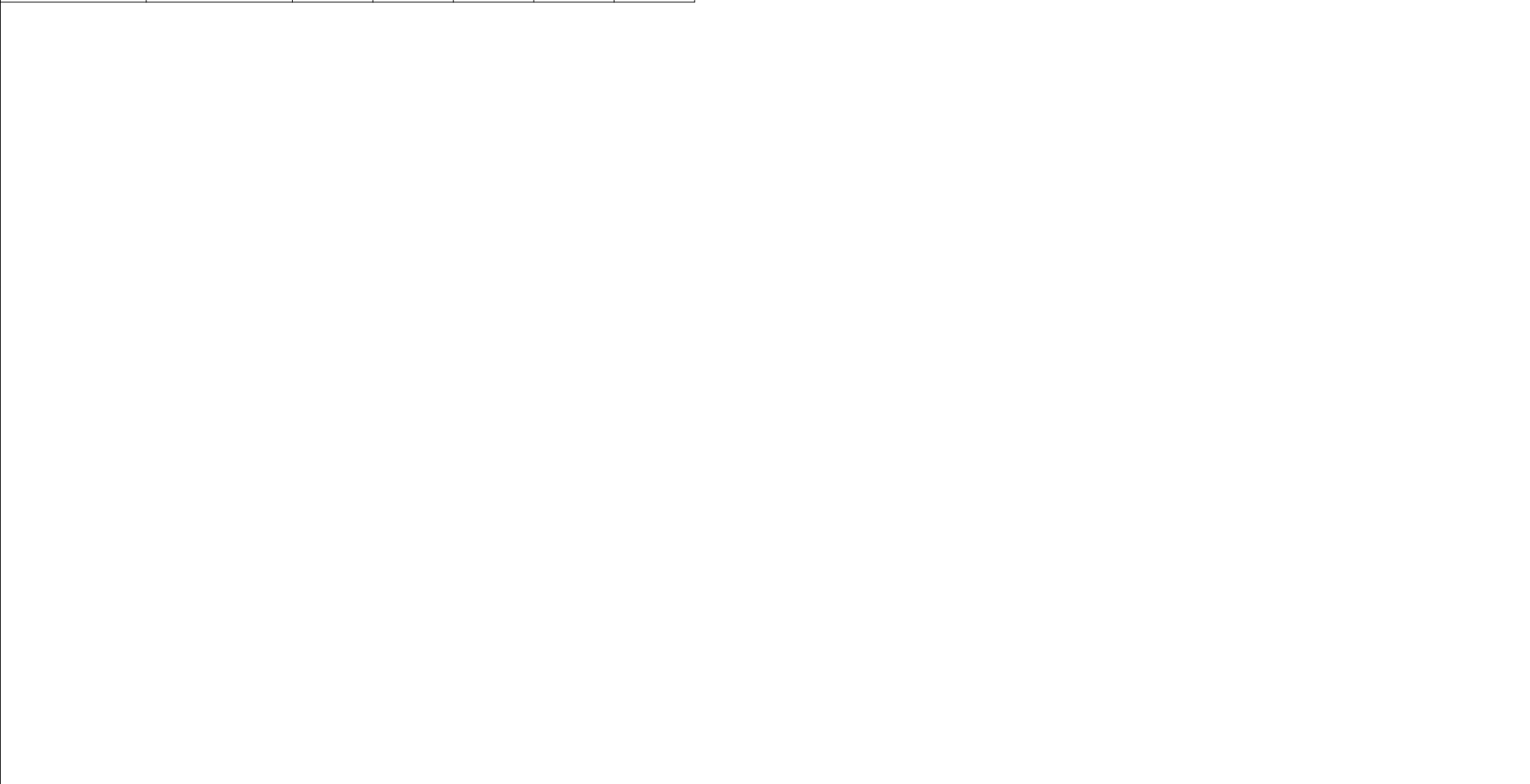
SECONDARY OPERATIONS	
CODE	PACKAGE
BLANK	BULK PER PK-4030-001

- NOTES:
- MATERIAL: NYLON, UL 94V-0. COLOR: WHITE
  - 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.
  - PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
  - PACKAGING: SEE LEGEND
  - PINS MUST CONFORM TO SOLDERABILITY SPEC. SMES-152.
  - PIN PUSH OUT FORCE: 2 LBS. MIN.
  - PARTS ARE STACKABLE END TO END AND SIDE TO SIDE ON (2.54)/.100 CENTERS.
  - THIS 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.

NOTE 9 ADDED IEC NO: UCP2017-2793 DRAWINGS 2017/06/28 CHKD: 2017/07/28 APPR: ISHWARG REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM/IN	---	INCH	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE			TITLE
	▽=0	3 PLACES ± --- ± .010	SAMIEC 1984/09/07			KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS
	2 PLACES ± 0.25 ± .014	CHECKED BY DATE				
	1 PLACE ± 0.36 ± ---	DS 1984/09/07				
	0 PLACE ± ±	APPROVED BY DATE				
		KJA 1984/09/07				
		MATERIAL NO.	SEE CHART		DOCUMENT NO.	
		ANGULAR ±1/2°			SDA-4380	SHEET NO. 1 OF 3
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			SIZE C		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

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 DRWN: MSTR0H 2012/01/23 CHKD: HKIPPER 2012/01/23 APPR: FSMITH 2012/02/02	DESCRIPTION ZA	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽=0	mm INCH	MM/IN	---	INCH	KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS MOLEX INCORPORATED SDA-4380
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	SAMIEC 1984/09/07 CHECKED BY DATE DS 1984/09/07 APPROVED BY DATE KJA 1984/09/07		
		▽=0	3 PLACES ± --- ± ---	MATERIAL NO.		DOCUMENT NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°	SEE CHART	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

12 11 10 9 8 7 6 5 4 3 2 1

13 12 11 10 9 8 7 6 5 4 3 2 1

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

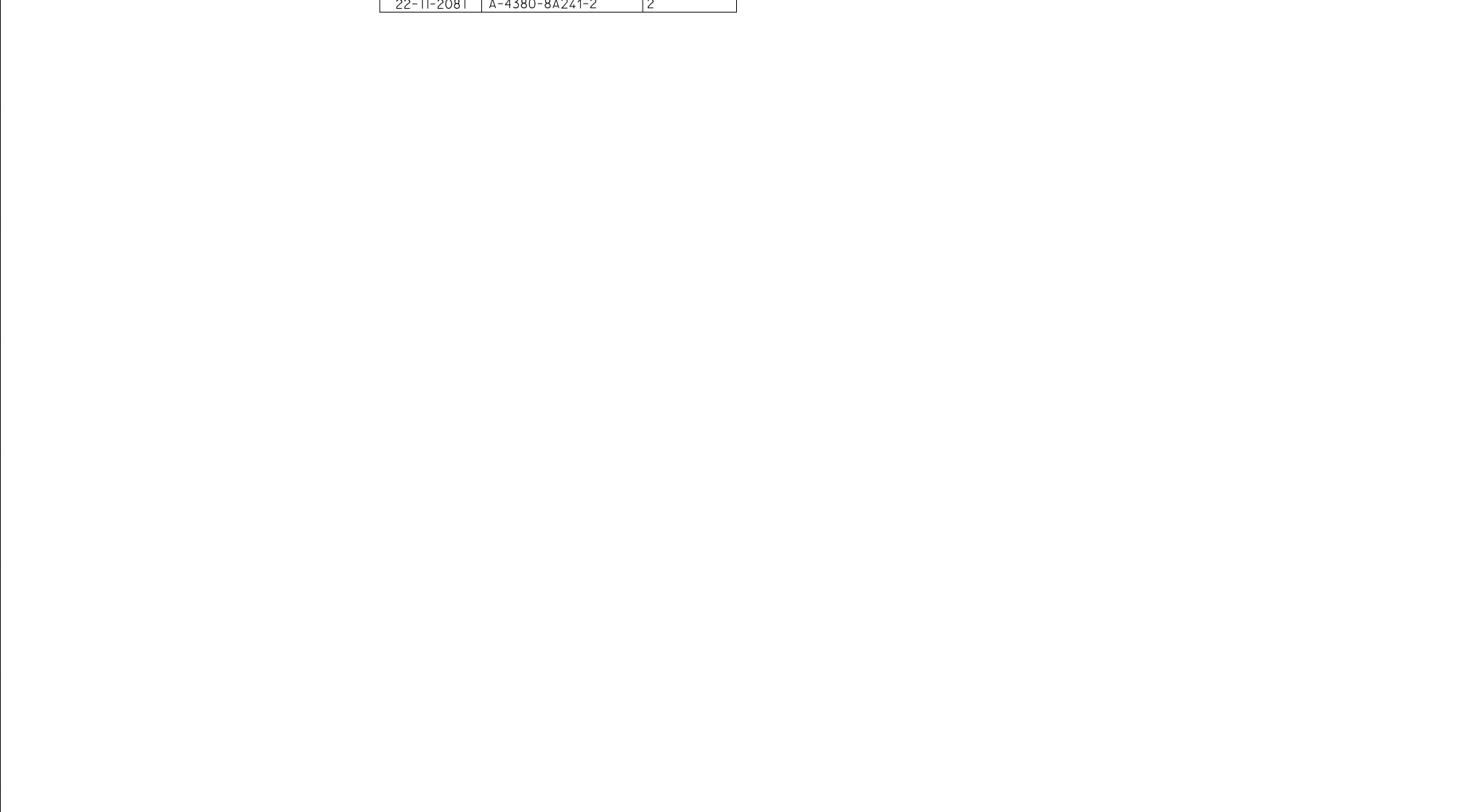
A-4380-NA241-\*

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

PART NO.	ENG. NO.	VOID CKT.



SEE SHEET 1 DEC NO: UCP2015-3608 DRAWN: KIPPER 2015/03/04 CHKD: NGUYEN 2015/03/04 APPR: FSMITH 2015/03/10	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	±	±	DIMENSION STYLE IN/MM	SCALE --- INCH	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
2 PLACES	± ---	± ---																						
1 PLACE	± ---	± ---																						
0 PLACE	±	±																						
DRAWN BY KKS	DATE 1984/09/07	TITLE KK HEADER (2.54)/.100 CENTERS 4030 WITH VOIDS																						
CHECKED BY DS	DATE 1984/09/07	molex																						
APPROVED BY	DATE	MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-4380	SHEET NO. 3 OF 3																				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

12 11 10 9 8 7 6 5 4 3 2 1