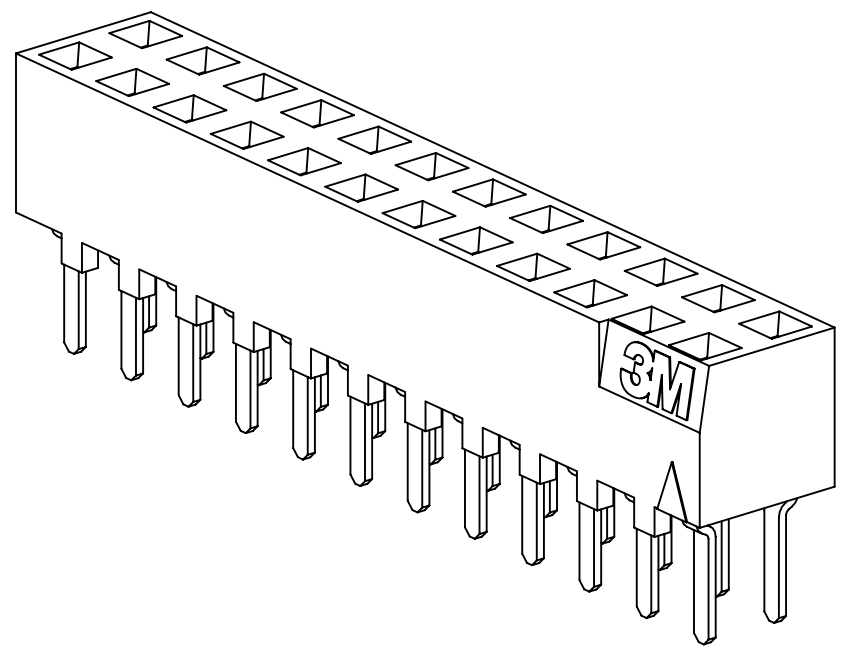
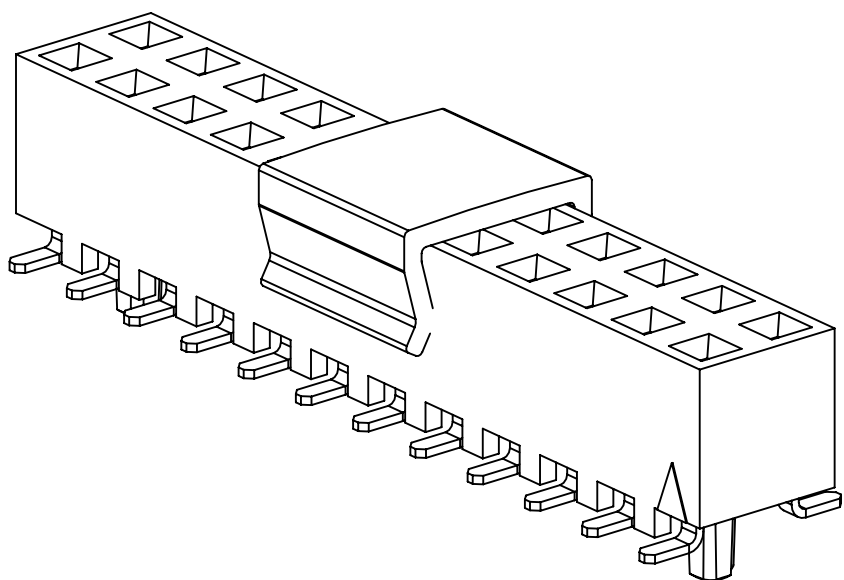


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



STRAIGHT
VERSION



SURFACE MOUNT
VERSION

2 PHYSICAL :

INSULATOR: HIGH TEMP THERMOPLASTIC
MATERIAL: COPPER ALLOY
CONTACT: PLATING: 1.27-3.8µm { 50-150µ" } NICKEL-OVERALL
WIPING AREA: .76µm { 30µ" } GOLD
SOLDER TAILS: 5.1µm { 200µ" } MATTE TIN (RIA E1 & C1 APPLY)
MARKING: ORIENTATION DELTA AND 3M LOGO (EXCEPT SURFACE MOUNT)

2 ELECTRICAL :

CURRENT RATING: 1A
VOLTAGE RATING: 150V_{AC} PER EIA-364-20
INSULATION RESISTANCE: >1 X 10⁹ OHM AT 250V_{DC}
WITHSTANDING VOLTAGE: 500V_{DC} AT SEA LEVEL

2 ENVIRONMENTAL :

TEMPERATURE RATING: -55° C TO 105° C
PROCESS RATING: MAX. 260° C (PER J-STD-020C)
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

1. REGULATORY INFORMATION: ROHS COMPLIANT. SEE THE REGULATORY INFORMATION APPENDIX (RIA) IN THE "ROHS COMPLIANCE" SECTION OF WWW.3MCONNECTORS.COM FOR COMPLIANCE INFORMATION.
2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.
3. TAPE & REEL INCLUDE VACUUM PICK-UP CAP FOR PICK 'n PLACE HANDLING EQUIPMENT.
4. PARTS IN TRAY PACKAGING ARE SUPPLIED WITHOUT VACUUM CAP.
5. POSITIONS PER ROW, SUBTRACT 1, MULTIPLY BY 2MM SPACING.
6. OPTIONAL LOCATOR POSTS: POSITIONS PER ROW, MULTIPLY BY 2MM SPACING, THEN SUBTRACT 4MM. POSTS ARE ONLY AVAILABLE FOR POSITIONS 08 AND GREATER.

3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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UL FILE NO: E68080

DIMENSIONS: MM [INCH] [INCH] FOR REF. ONLY		K	63282	SEP 03,2015	JNC	ARM
		REV	ECO	REDRAWN & REMOVED RIGHT ANGLE		
DESIGN REFERENCE		REV	ECO	ISSUE DATE AND DESCRIPTION		
NEXT ASSEMBLY		REV	ECO	DATE		
XREF CODES		CHKD	CASTIGLIONE	SEP 03,2015	MFG	DATE
		CHKD		DATE	APPRV	DATE
DIVISION		CHKD		DATE	G. MATHEWS	SEP 03,2015
		DIVISION CODE	EMSD	© 3M COPYRIGHT 2017		
DO NOT SCALE DRAWING		SCALE	6 1	3M Center St. Paul, MN 55144		
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		INCHES	.0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002	TITLE		
THIRD ANGLE PROJECTION		MILLIMETERS	0 ±.2 .0 ±.3 .00 ±.13 .000 ±.005	BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20		
INTERPRET PER ASME Y14.5 - 2009		MARKED ONLY		CAGE NUMBER		
MAX SURFACE ROUGHNESS		DEF SURFACES		SIZE		
		ANGLES		DRAWING NO.		
				D 78-5100-0519-8		
				REV.		
				K		
				MODEL		
				1502		
				DET		
				YES NO SHT 1 OF 4		

3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE

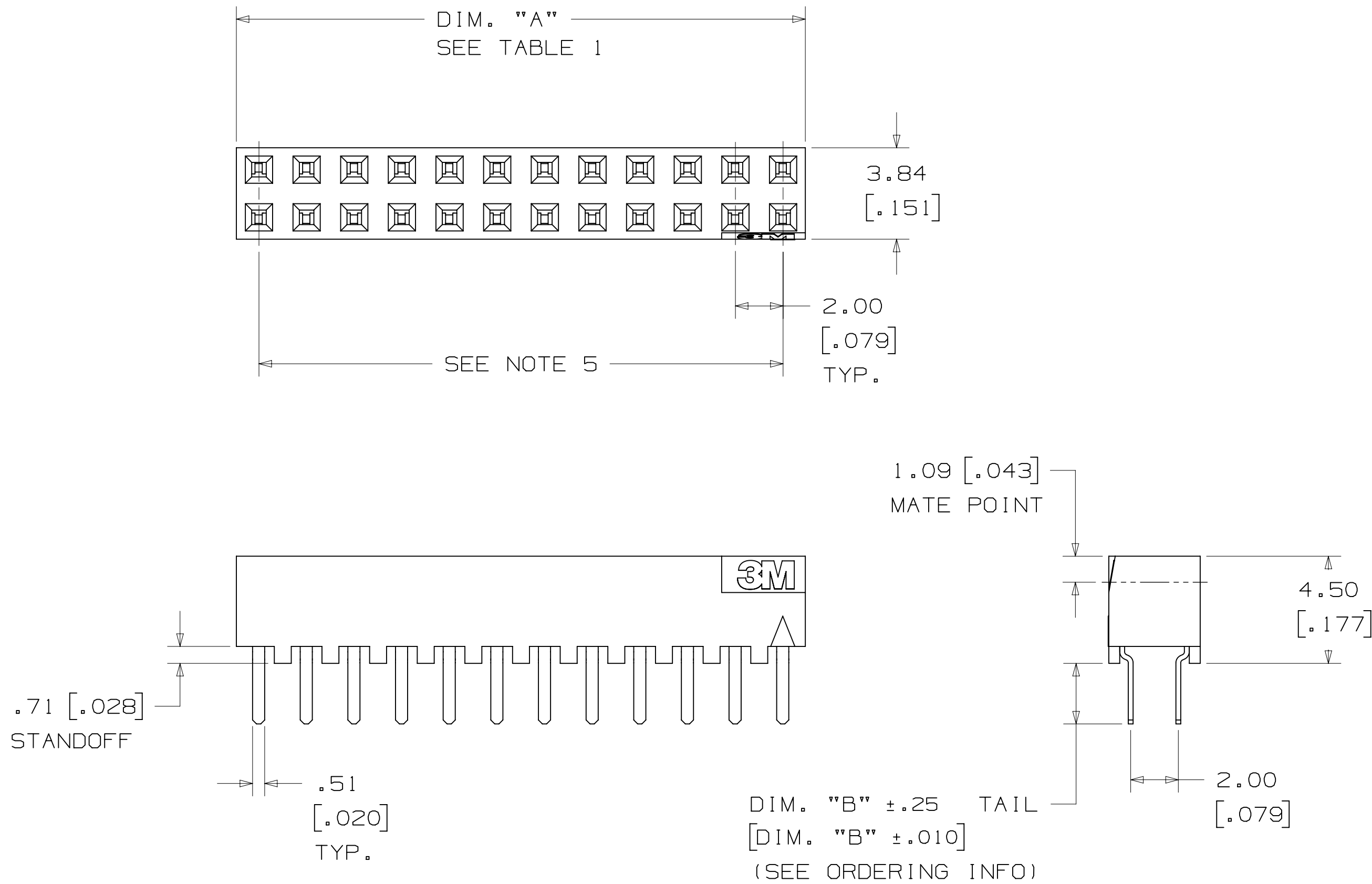
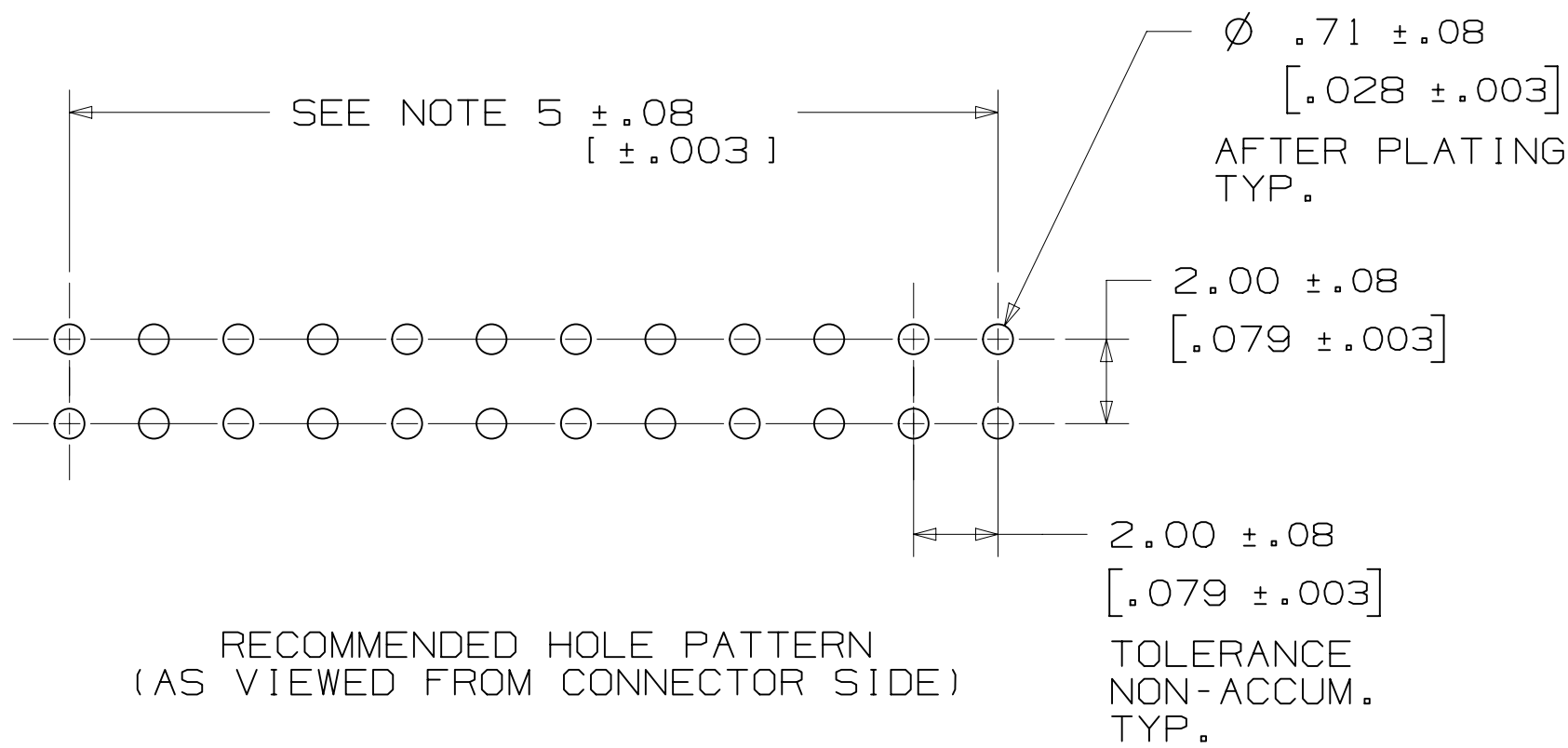


TABLE 1	
CONTACT QTY.	DIM. "A"
04	3.96 [.156]
06	5.87 [.231]
08	7.87 [.310]
10	9.88 [.389]
12	11.86 [.467]
14	13.87 [.546]
16	15.88 [.625]
18	17.88 [.704]
20	19.86 [.782]
22	21.87 [.861]
24	23.88 [.940]
26	25.88 [1.019]
28	27.86 [1.097]
30	29.87 [1.176]
32	31.88 [1.255]
34	33.88 [1.334]
36	35.86 [1.412]
38	37.87 [1.491]
40	39.88 [1.570]
42	41.88 [1.649]
44	43.87 [1.727]
46	45.87 [1.806]
48	47.88 [1.885]
50	49.89 [1.964]
52	51.87 [2.042]
54	53.87 [2.121]
56	55.88 [2.200]
58	57.86 [2.278]
60	59.87 [2.357]

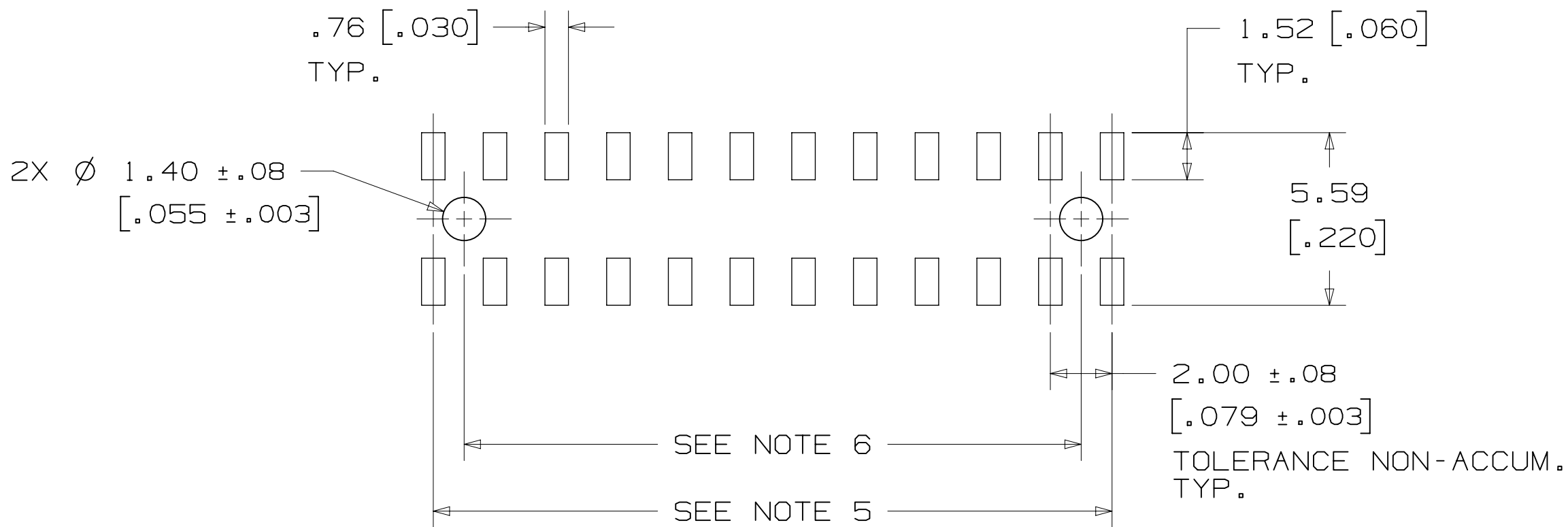
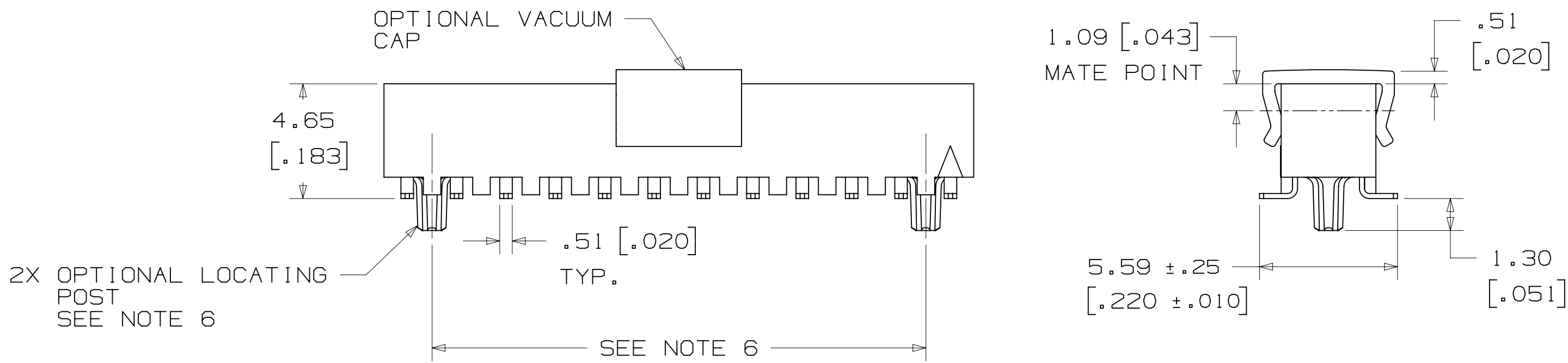
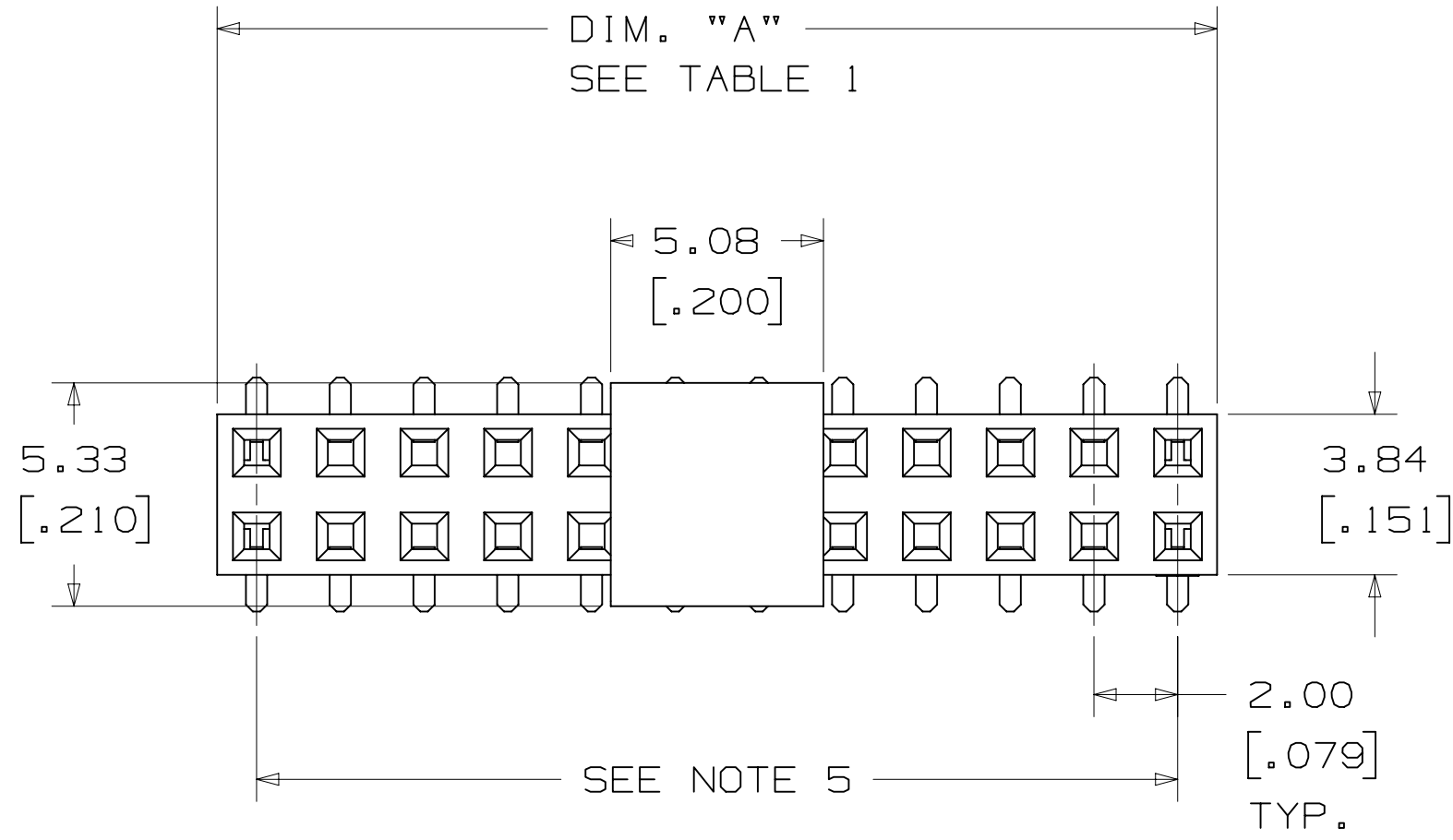


ORDERING INFORMATION
STRAIGHT
1502XX-600X-RB

CONTACT QTY.: SEE TABLE 1
SOLDER TAIL LENGTH: DIMENSION "B"
1 = 1.4MM (SPECIAL ORDER)
2 = 2.54MM (STANDARD)

DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
3M Center St. Paul, MN 55144	EMSD	SEP 03,2015	SEP 03,2015	SEP 03,2015	SEP 03,2015	SEP 03,2015
DO NOT SCALE DRAWING	SCALE 6 1	TOLERANCES EXCEPT AS NOTED	INCHES .0 .000 .0000	MILLIMETERS 0 .0 .000 .0000	INTERPRET PER ASME Y14.5 - 2009	MAX SURFACE ROUGHNESS .000 .000 .0000
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	MARKED ONLY	ANGLS	TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20	CAGE NUMBER D78-5100-0519-8	REV. K
MODEL 1502	DET	YES	NO	SHT 2 OF 4		

3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



RECOMMENDED PAD PATTERN
(AS VIEWED FROM CONNECTOR SIDE)

TABLE 1			
CONTACT QTY.	DIM. "A"	TAPE WIDTH	ORDER CODE
04	3.96 [.156]	N/A	N/A
06	5.87 [.231]	N/A	N/A
08	7.87 [.310]	24 MM	WB
10	9.88 [.389]	24 MM	WB
12	11.86 [.467]	24 MM	WB
14	13.87 [.546]	24 MM	WB
16	15.88 [.625]	24 MM	WB
18	17.88 [.704]	44 MM	WD
20	19.86 [.782]	44 MM	WD
22	21.87 [.861]	44 MM	WD
24	23.88 [.940]	44 MM	WD
26	25.88 [1.019]	44 MM	WD
28	27.86 [1.097]	44 MM	WD
30	29.87 [1.176]	44 MM	WD
32	31.88 [1.255]	56 MM	WE
34	33.88 [1.334]	56 MM	WE
36	35.86 [1.412]	56 MM	WE
38	37.87 [1.491]	56 MM	WE
40	39.88 [1.570]	56 MM	WE
42	41.88 [1.649]	56 MM	WE
44	43.87 [1.727]	72 MM	WF
46	45.87 [1.806]	72 MM	WF
48	47.88 [1.885]	72 MM	WF
50	49.89 [1.964]	72 MM	WF
52	51.87 [2.042]	72 MM	WF
54	53.87 [2.121]	72 MM	WF
56	55.88 [2.200]	72 MM	WF
58	57.86 [2.278]	88 MM	WG
60	59.87 [2.357]	88 MM	WG

ORDERING INFORMATION
SURFACE MOUNT
1502XX-20X0-RB-XX

CONTACT QTY.:
SEE TABLE 1

BOARD LOCATION POST:
0 = NONE (STANDARD)
2 = WITH BOARD LOCATION POSTS
(SPECIAL ORDER)

PACKAGING STYLE:
BLANK = TRAY PACKAGING
WX = TAPE & REEL PACKAGING
(SEE TABLE 1 FOR ORDERING CODE)

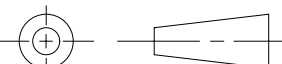
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
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DO NOT SCALE DRAWING	SCALE 6 1	TOLERANCES EXCEPT AS NOTED	INCHES .00 .01 .000 .0000 .0000	MILLIMETERS 0 .1 .005 .0005 .0005	MARKED ONLY	ANGLES
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	MAX SURFACE ROUGHNESS	0 .1 .005 .0005 .0005	0 .1 .005 .0005 .0005	0 .1 .005 .0005 .0005	0 .1 .005 .0005 .0005
3M	3M Center St. Paul, MN 55144	© 3M COPYRIGHT 2017 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.	TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20	CAGE NUMBER D78-5100-0519-8	SIZE K	REV. K
MODEL 1502	DET 1502	YES	NO	SHT 3 OF 4		

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						K	63282	SEP 03,2015				JNC	ARM
						REDRAWN & REMOVED RIGHT ANGLE							
DESIGN REFERENCE						ECO		ISSUE DATE AND DESCRIPTION				DRFT	CHKD
~~ACCESS CODES~~						REV# CASTIGLIONE		DATE SEP 03,2015		MFG		DATE	
~~CHMD~~						~~DATE~~		APPROV. X MATHEWS				DATE SEP 03,2015	
DIVISION						DIVISION CODE		© 3M COPYRIGHT 2017					
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SCALE $\frac{1}{1}$						TOLERANCES EXCEPT AS NOTED		TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT, & SMT, PAC 20					
						INCHES .0 .00 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002							
THIRD ANGLE PROJECTION						MILLIMETERS 0 ±.2 .0 ±.1 .00 ±.13 .000 ±.005		CAGE NUMBER		SIZE		REV.	
INTERPRET PER ASME Y14.5 - 2009						MAX SURFACE ROUGHNESS		DRAWING NO.		D		78-5100-0519-8 K	
~~MARKED ONLY~~						~~ALL SURFACES~~		MODEL		DET. LISTS		YES X NO	
						ANGLE		1502		SHT 4 OF 4			



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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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