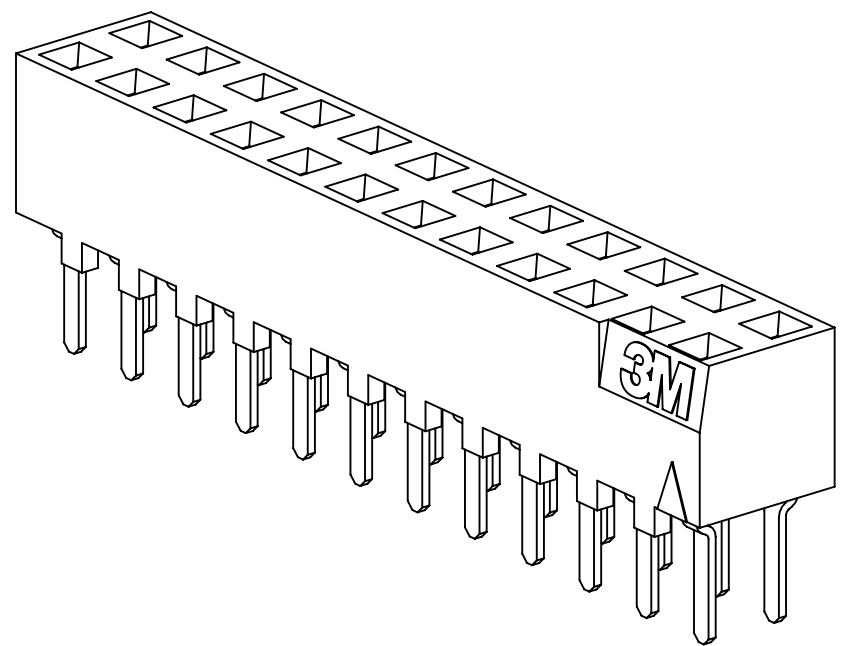
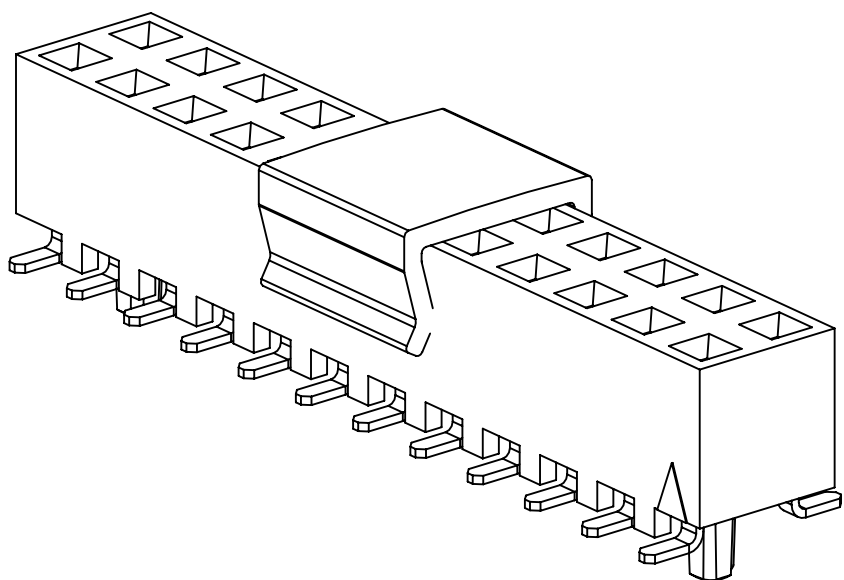


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



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 :

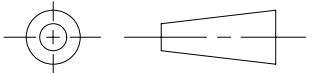
TEMPERATURE RATING: -55° C TO 105° C
PROCESS RATING: MAX. 260° C (PER J-STD-020C)
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

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.

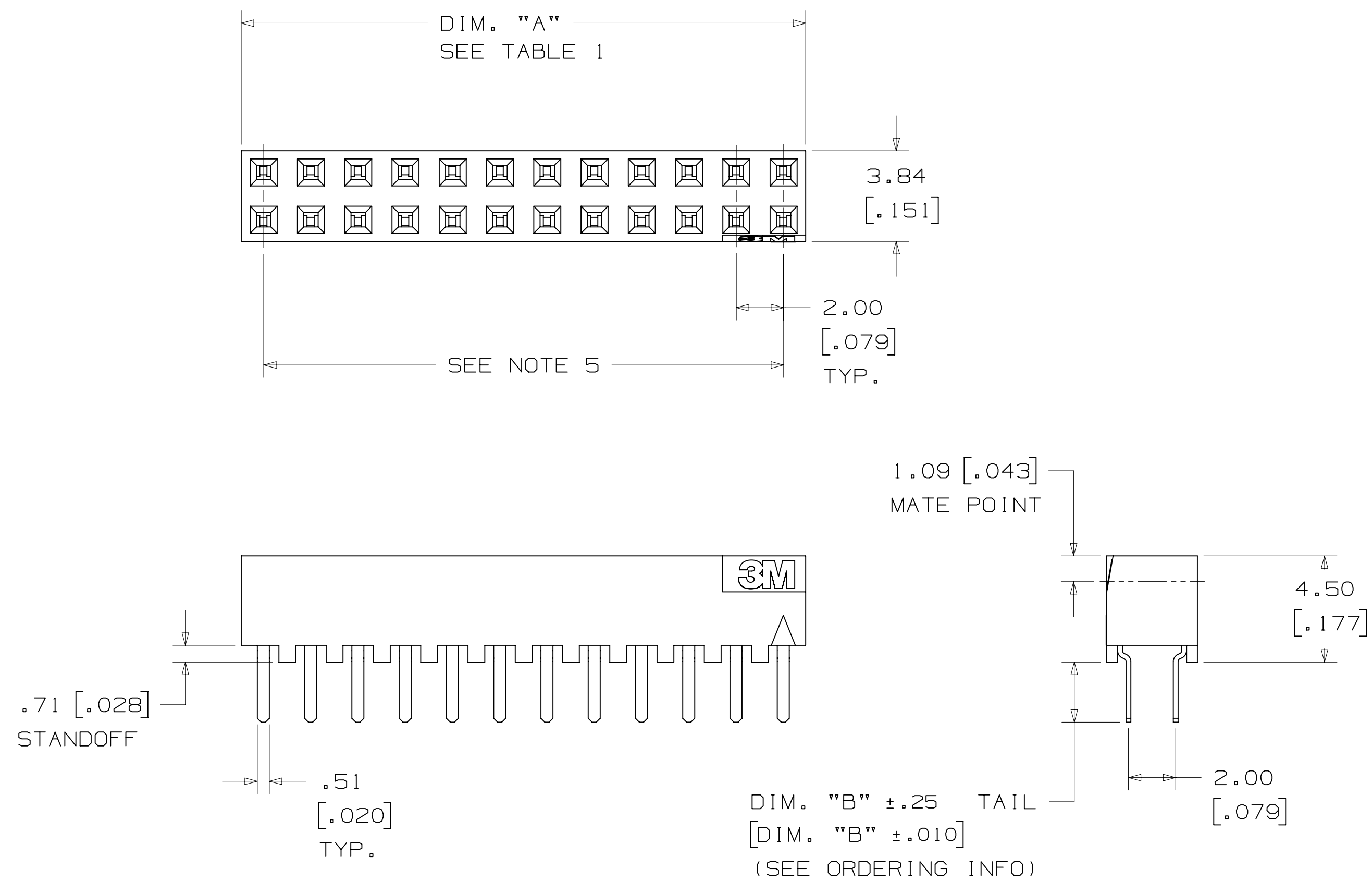
3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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UL FILE NO: E68080

DIMENSIONS: MM [INCH] [INCH] FOR REF. ONLY		K	63282	SEP 03,2015		JNC	ARM
		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
		REV	ECO	REDRAWN & REMOVED RIGHT ANGLE			
DESIGN REFERENCE		NEXT ASSEMBLY		MFG		DATE	
APPROVAL CODES		CASTIGLIONE		SEP 03,2015			
		CHKD		DATE		APPRV G. MATHEWS	
				DATE		SEP 03,2015	
DIVISION		DIVISION CODE EMSD		© 3M COPYRIGHT 2017			
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DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED			
		INCHES 0.0 ±.01 0.00 ±.005 0.0000 ±.0002		TITLE			
THIRD ANGLE PROJECTION		MILLIMETERS 0 ±.2 0.0 ±.13 0.00 ±.005		BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20			
INTERPRET PER ASME Y14.5 - 2009				CAGE NUMBER		SIZE	
MAX SURFACE ROUGHNESS		DTX SURFACES		DRAWING NO.		REV.	
✓ ☐ MARKED ONLY		ANGLES		D		78-5100-0519-8	
				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



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

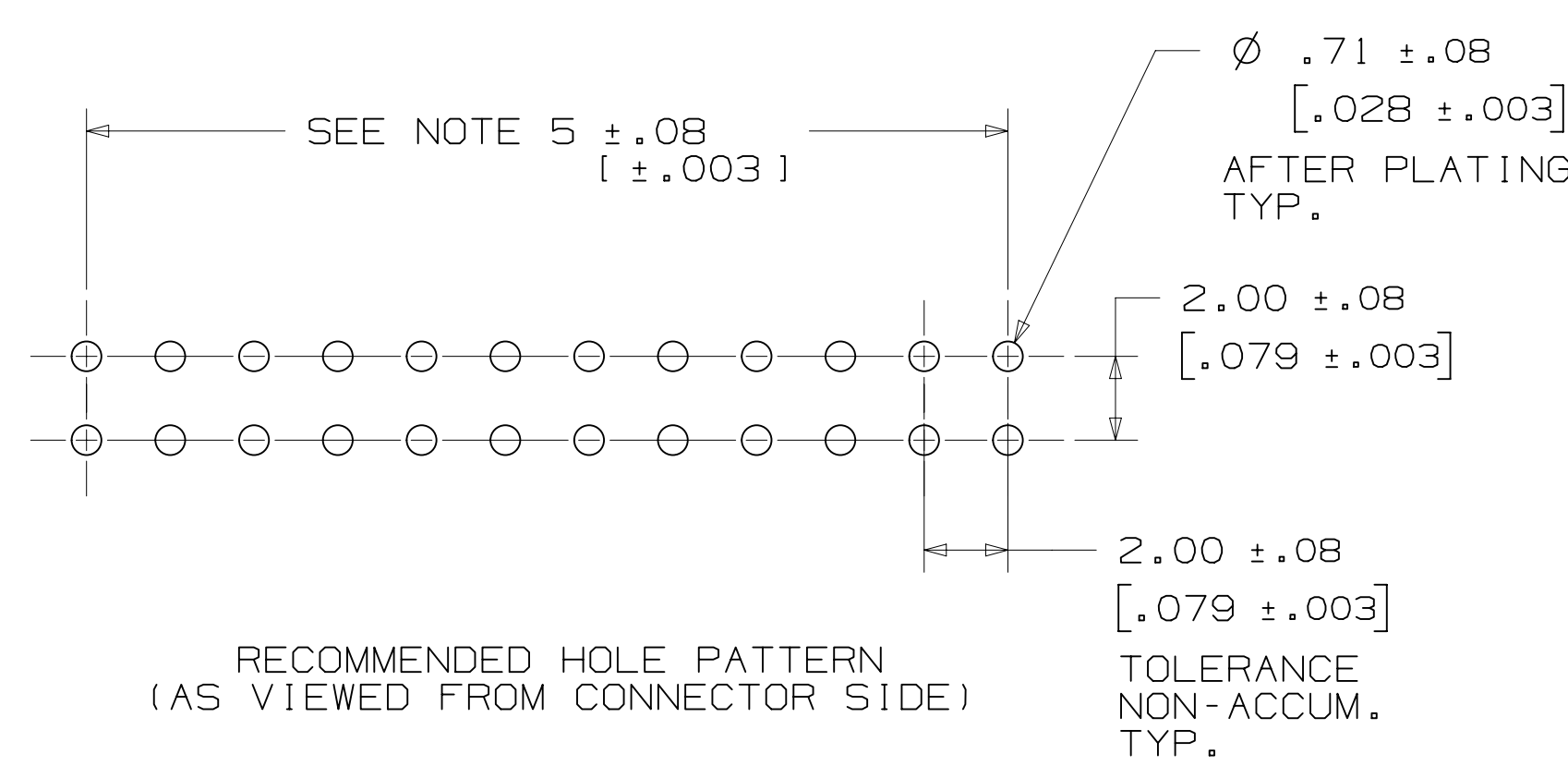
STRAIGHT

1502XX-600X-RB

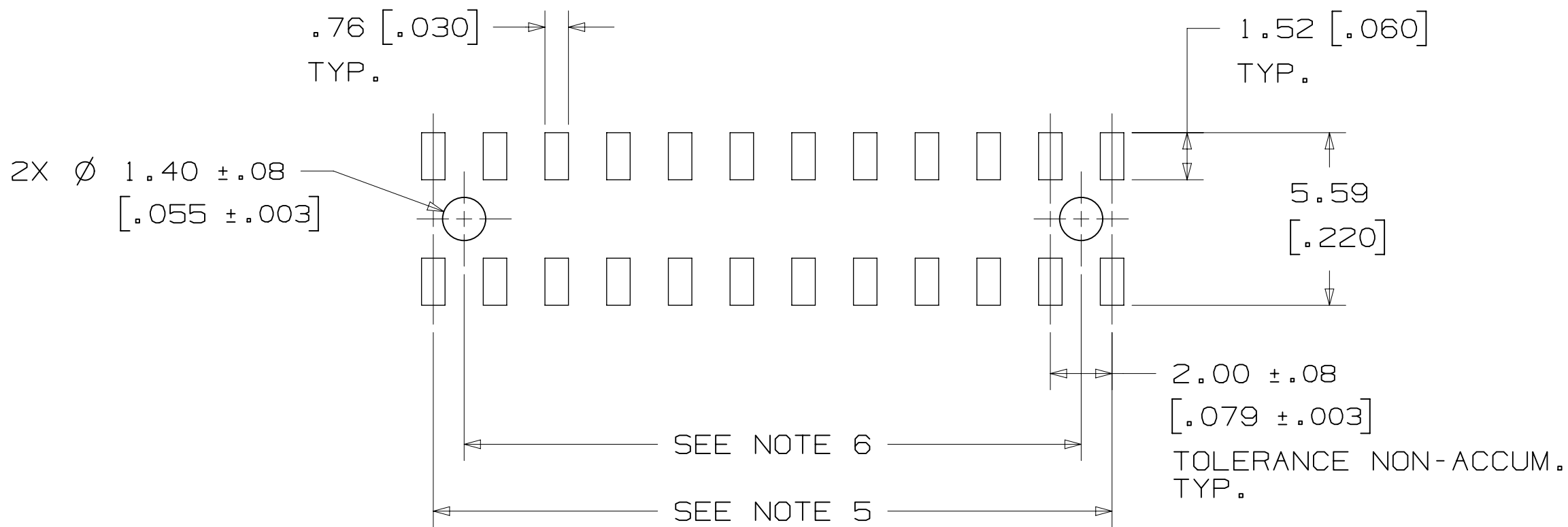
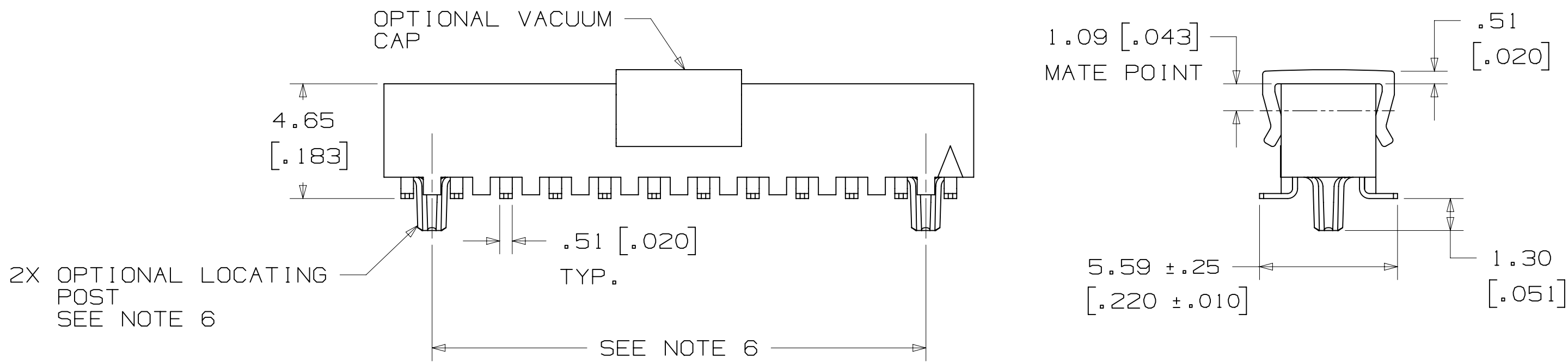
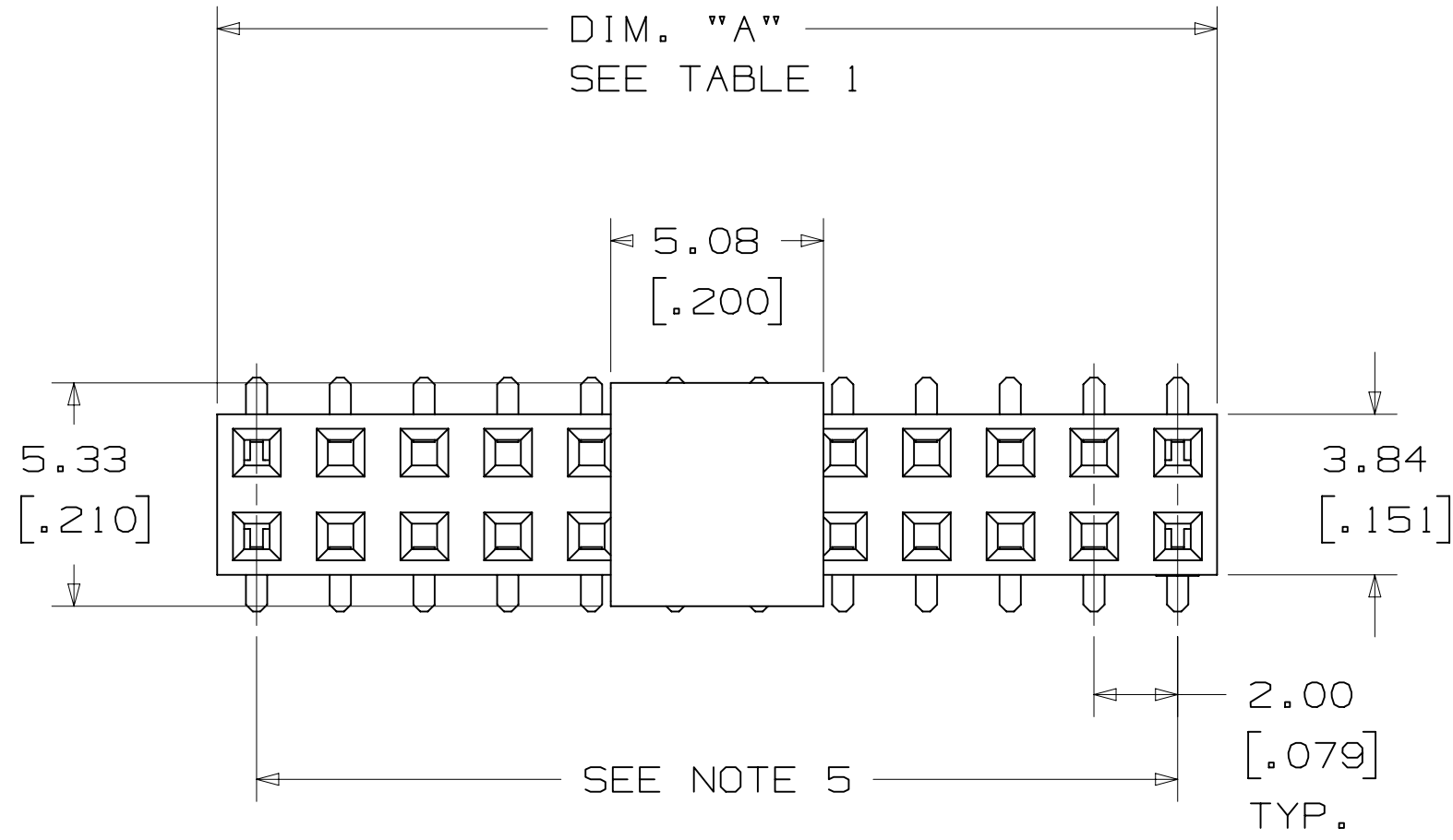
CONTACT QTY.:
SEE TABLE 1

SOLDER TAIL LENGTH:
DIMENSION "B"

1 = 1.4MM (SPECIAL ORDER)
2 = 2.54MM (STANDARD)

[illegible]

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
XREF CODES				DRP	CASTIGLIONE		SEP 03,2015	MFG	DATE
				CHKD			DATE	APPRV	DATE
DIVISION		DIVISION CODE							
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED					
THIRD ANGLE PROJECTION				INCHES					
				MILLIMETERS					
INTERPRET PER ASME Y14.5 - 2009				MAX SURFACE ROUGHNESS					
				MARKED ONLY					
				ANGLES					
				MODEL		1502			
				CAGE NUMBER		D78-5100-0519-8		REV.	
				SIZE		DRAWING NO.		DET	
				LISTS		YES		NO	
				SHT		3		OF 4	

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DESIGN REFERENCE		NEXT ASSEMBLY		REV	63282	SEP 03,2015		JNC	ARM
ADDRESS CODES 				DRFT CASTIGLIONE		DATE SEP 03,2015		DRFT DATE	
DIVISION DO NOT SCALE DRAWING 				DIVISION CODE EMSD TOLERANCES EXCEPT AS NOTED INCHES .0 .±.1 .000 ±.01 .000 ±.005 .0000 ±.0002 MILLIMETERS 0 ±.2 .0 ±.3 .00 ±.13 .000 ±.005		APPR. G. MATHEWS DATE SEP 03,2015		DATE SEP 03,2015	
THIRD ANGLE PROJECTION 				TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20		© 3M COPYRIGHT 2017 This document and the information it contains are 3M property and shall not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		3M Center St. Paul, MN 55144	
INTERPRET PER ASME Y14.5 - 2009 MAX SURFACE ROUGHNESS 				SIZE DRAWING NO. D78-5100-0519-8		REV. K		DET. LISTS ☒ YES ☒ NO	
MARKED ONLY 				MODEL 1502		SHT 4 OF 4		SHT 4 OF 4	



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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.