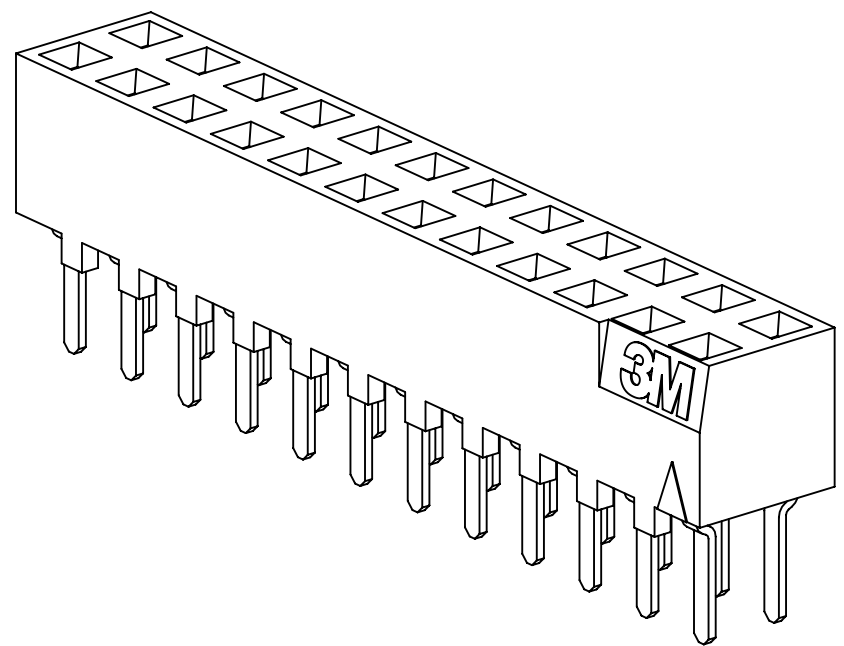
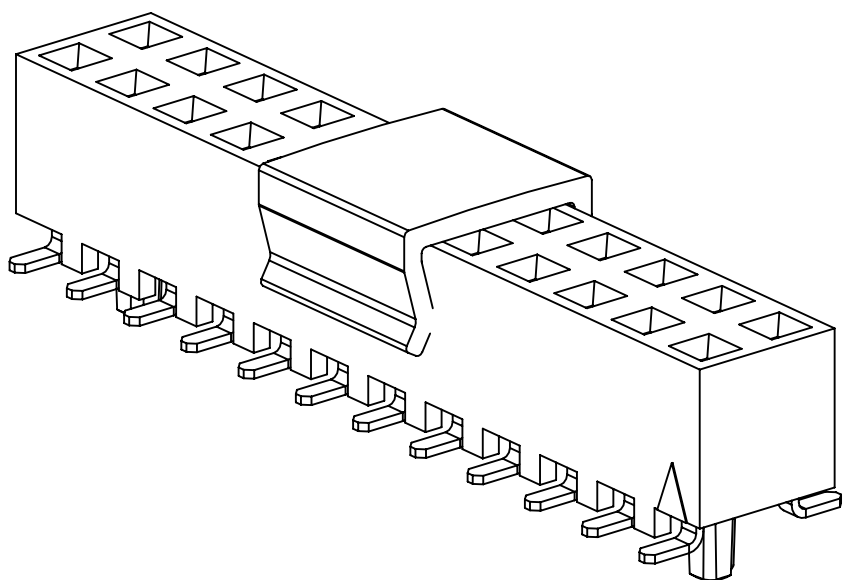


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



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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INFORMATION CALL 800-225-5373

UL FILE NO: E68080

DIMENSIONS: MM [INCH] [INCH] FOR REF. ONLY		K	63282	SEP 03,2015 REDRAWN & REMOVED RIGHT ANGLE	JNC	ARM
DESIGN REFERENCE	NEXT ASSEMBLY	REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
AKSOP CODES		CASTIGLIONE	SEP 03,2015	MFG	DATE	
		CHKD		DATE	APPRV G. MATHEWS	DATE SEP 03,2015
DIVISION	DIVISION CODE EMSD	© 3M COPYRIGHT 2017 3M Center St. Paul, MN 55144 This document and the information it contains are 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.				
DO NOT SCALE DRAWING	SCALE 6 1	TOLERANCES EXCEPT AS NOTED				
		INCHES 0 ±.1 .00 ±.01 .000 ±.005 .0000 ±.0002				
		MILLIMETERS 0 ±.2 .0 ±.3 .00 ±.13 .000 ±.005				
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	CAGE NUMBER D78-5100-0519-8				
MAX SURFACE ROUGHNESS 0.4 µm SURFACES ✓ MARKED ONLY		SIZE D	DRAWING NO. 78-5100-0519-8	REV. K	MODEL 1502	
				DET LISTS	YES	NO
				SHT	1	OF 4

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

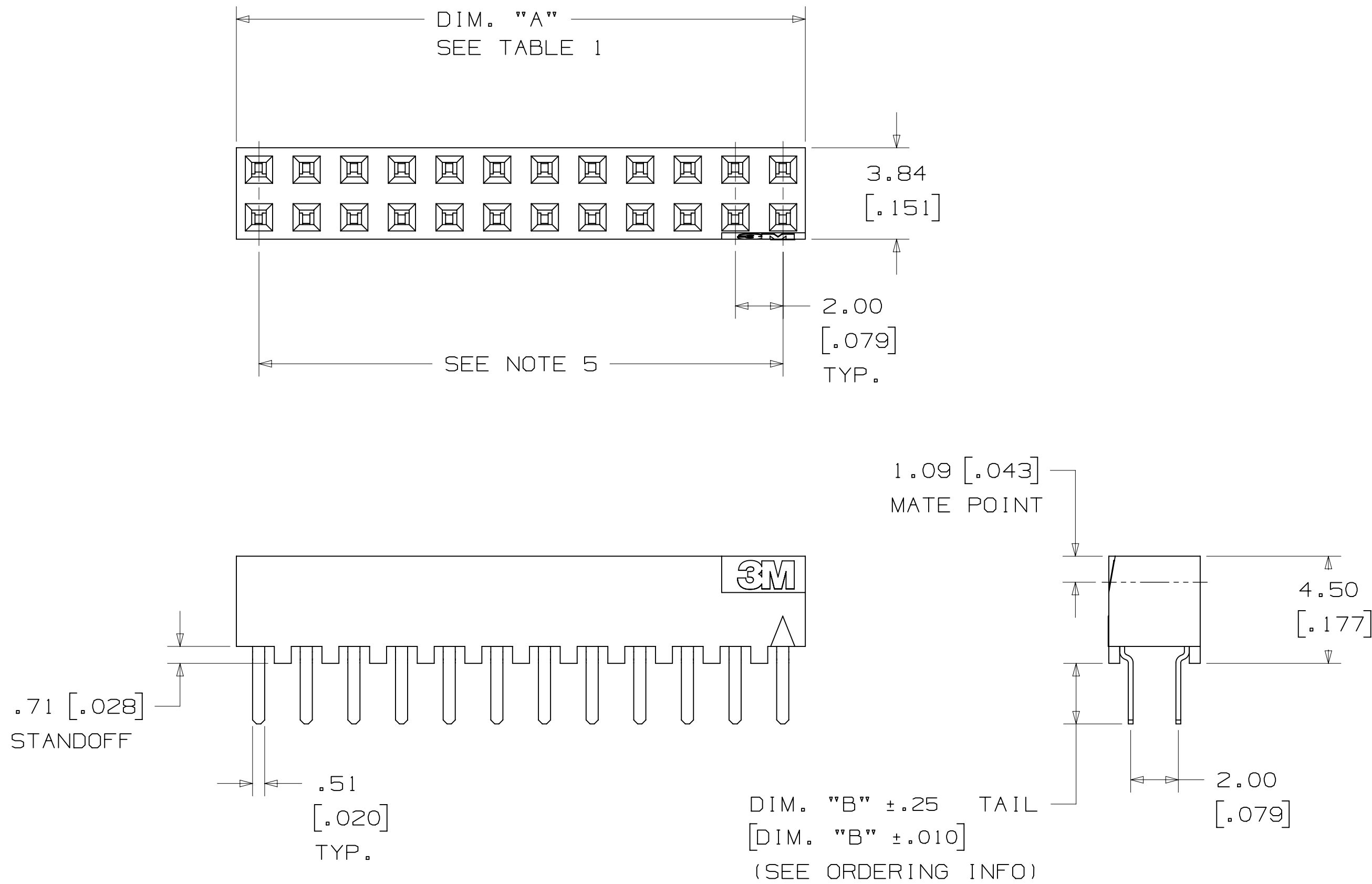
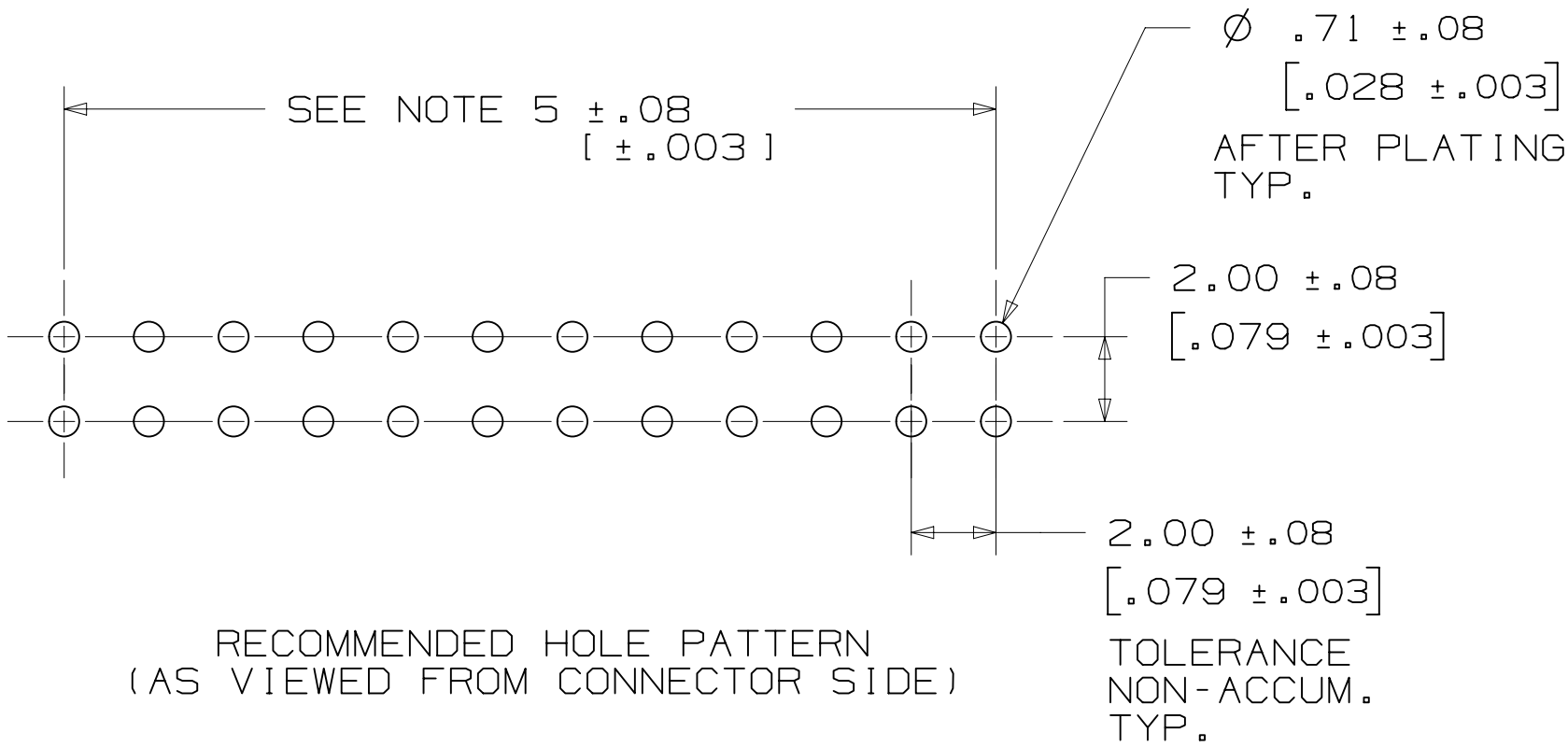


TABLE 1	
CONTACT QTY.	DIM. "A"
04	3.96 [.156]
06	5.87 [.231]
08	7.87 [.310]
10	9.88 [.389]
12	11.86 [.467]
14	13.87 [.546]
16	15.88 [.625]
18	17.88 [.704]
20	19.86 [.782]
22	21.87 [.861]
24	23.88 [.940]
26	25.88 [1.019]
28	27.86 [1.097]
30	29.87 [1.176]
32	31.88 [1.255]
34	33.88 [1.334]
36	35.86 [1.412]
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	3M Center St. Paul, MN 55144	SEP 03,2015	SEP 03,2015	SEP 03,2015	SEP 03,2015	SEP 03,2015
DIVISION	DIVISION CODE	EMSD	3M Center St. Paul, MN 55144	© 3M COPYRIGHT 2017 This document and the information it contains are 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.		
DO NOT SCALE DRAWING	SCALE 6 1	TOLERANCES EXCEPT AS NOTED	INCHES 0 ±.1 ±.01 ±.005 ±.0002	MILLIMETERS 0 ±.2 ±.13 ±.005		
THIRD ANGLE PROJECTION	INTERPRET PER ASME Y14.5 - 2009	MAX SURFACE ROUGHNESS Rt .13 Rz .005	MARKED ONLY	ANGLER		
CAGE NUMBER	SIZE	DRAWING NO.	REV.			
D78-5100-0519-8	K	1502	2 OF 4			



8

4

3

2

Imaged: K.3 Central Standard Time 12/7/2017 UTC Offset

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DESIGN REFERENCE		NEXT ASSEMBLY		REV	ECO	ISSUE DATE AND DESCRIPTION	JNC	ARM
K 63282		SEP 03, 2015		REDRAWN & REMOVED RIGHT ANGLE				
ADDRESS CODES		DIVISION CODE		DATE		DATE		
		EMSD		CASTIGLIONE		MFG		
		TOLERANCES EXCEPT AS NOTED		CHD		DATE		
		INCHES		APPL.		DATE		
DO NOT SCALE DRAWING		SCALE 1 1		G. MATHEWS		SEP 03, 2015		
THIRD ANGLE PROJECTION		MILLIMETERS		3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2017		
INTERPRET PER ASME Y14.5 - 2009		0.0 ±.1 0.00 ±.01 0.000 ±.005 0.0000 ±.0002		TITLE		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.		
MAX SURFACE ROUGHNESS ✓ ☐ MARKED ONLY		0 ±.1 0.00 ±.01 0.000 ±.005		BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20				
		ANGLES		SIZE DRAWING NO.		REV.		
				D 78-5100-0519-8		K		
				MODEL		DET. LISTS		
				1502		YES ☒ NO ☐		
						SHT 4 OF 4		

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- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
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Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А