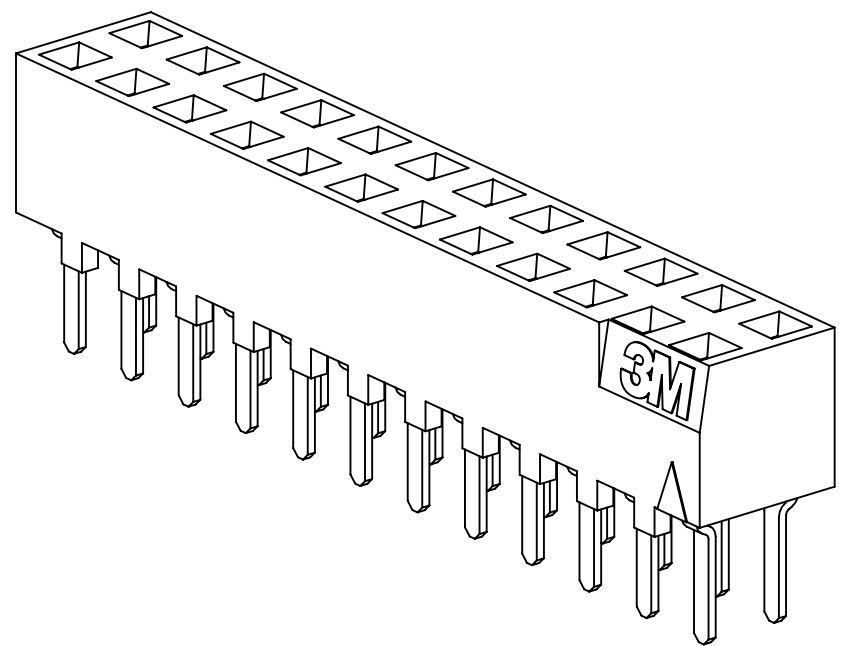
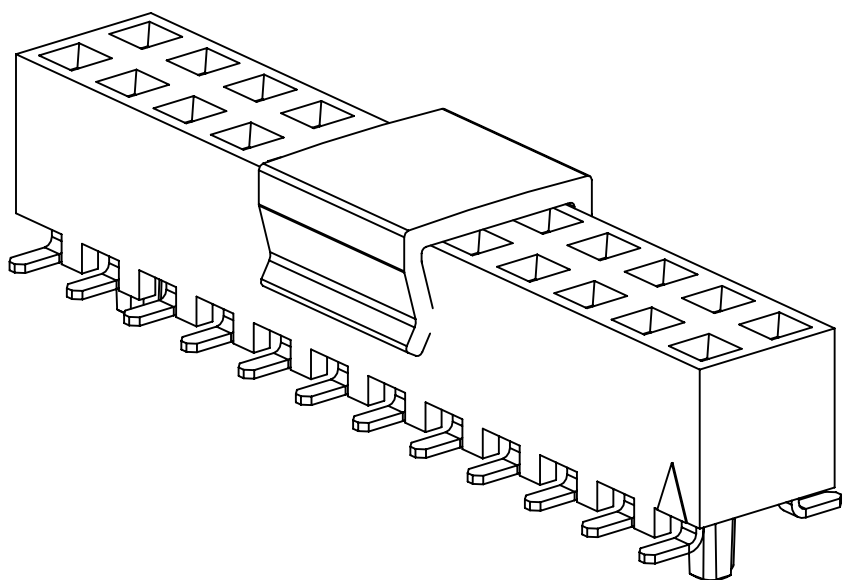


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



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)

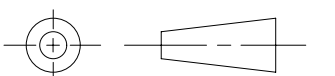
MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

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.

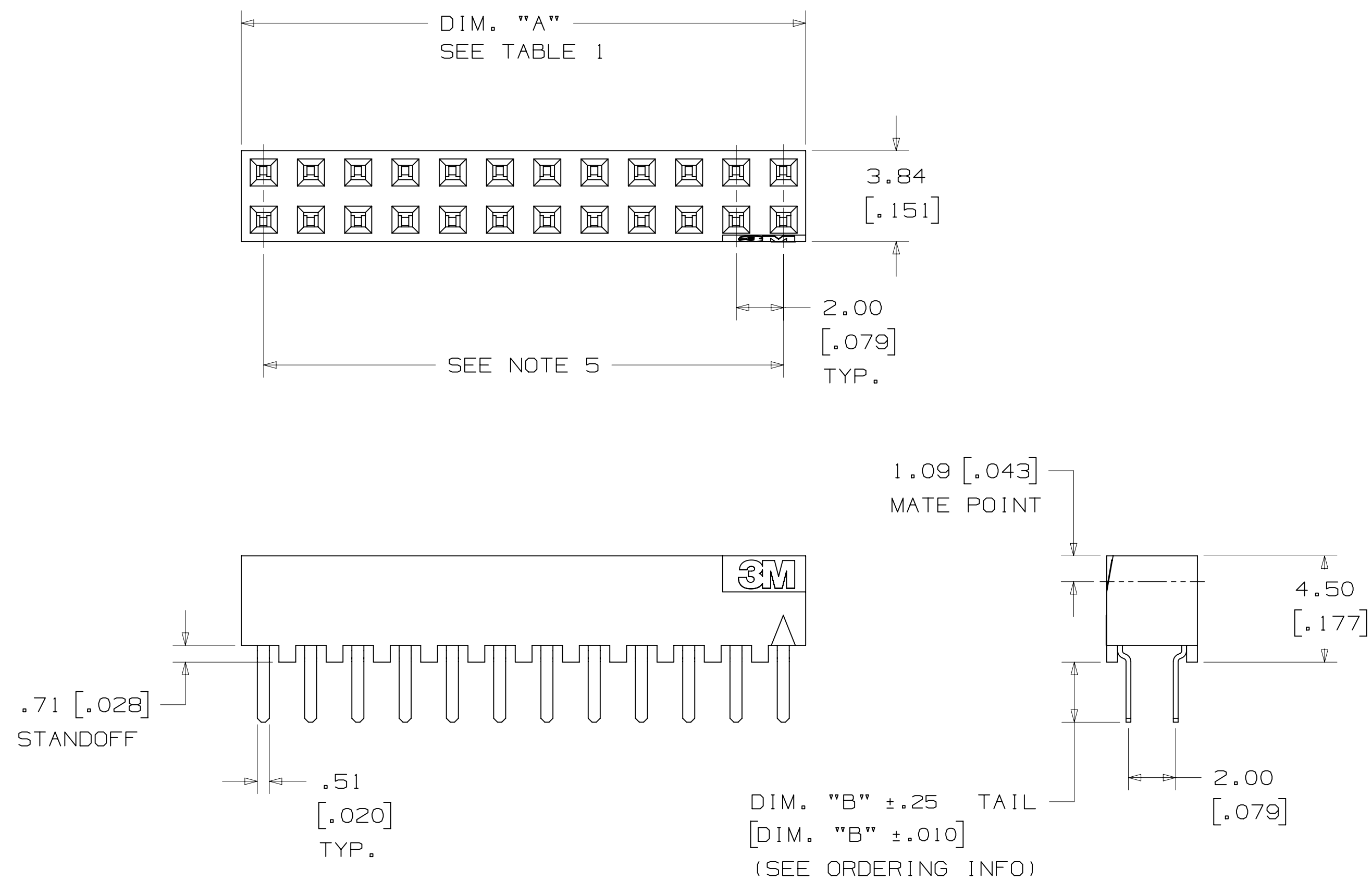
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INTERCONNECT SOLUTIONS
<http://www.3mconnectors.com>

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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		JNC	ARM
			REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
			DESIGN REFERENCE	NEXT ASSEMBLY	REDRAWN & REMOVED RIGHT ANGLE			
ACCEPTED CODES			DRFT	CASTIGLIONE	SEP 03,2015	MFG	DATE	
			CHKD		DATE	APPRV G. MATHEWS	DATE	SEP 03,2015
DIVISION			DIVISION CODE EMSD		© 3M COPYRIGHT 2015			
DO NOT SCALE DRAWING			SCALE 6 1		TOLERANCES EXCEPT AS NOTED			
			INCHES .0 ± .01 .00 ± .005 .0000 ±		3M Center St. Paul, MN 55144			
THIRD ANGLE PROJECTION			MILLIMETERS 0 ± .3 .00 ± .13 .000 ±		This document and the information it contains are 3M property and may not be reproduced or further distributed without the 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
INTERPRET PER ASME Y14.5 - 2009					TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20			
MAX SURFACE ROUGHNESS					CAGE NUMBER		SIZE	DRAWING NO.
					D 78-5100-0519-8		K	
MARKED ONLY			ANGLES		MODEL		1502	REV.
					DET.		LISTS	YES ☒ NO
					SHT		1 OF 3	

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

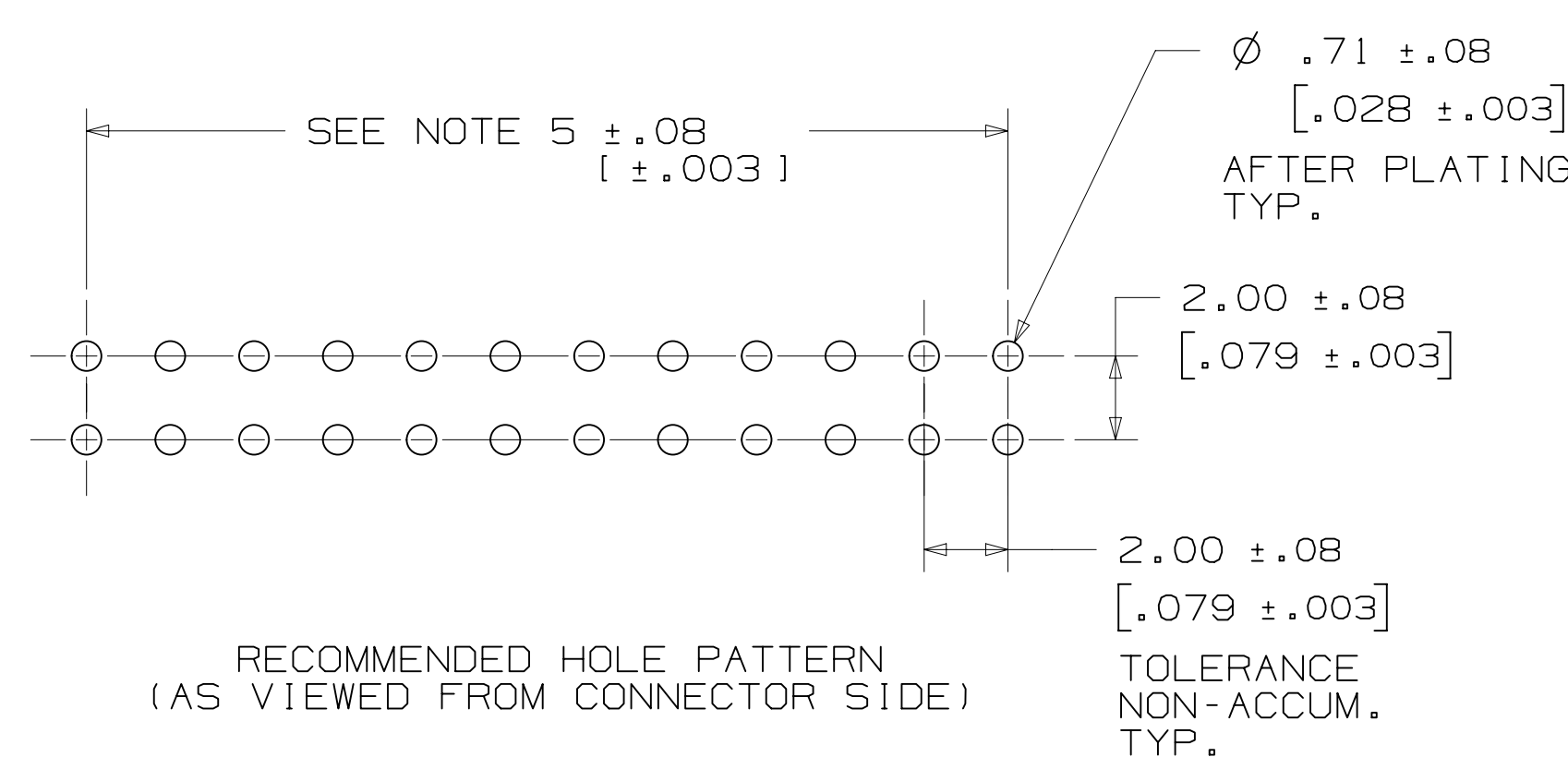
STRAIGHT

1502XX-600X-RB

CONTACT QTY.:
SEE TABLE 1

SOLDER TAIL LENGTH:
DIMENSION "B"

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



K		63282		SEP 03,2015		JNC	ARM
DESIGN REFERENCE				NEXT ASSEMBLY			
DRFT		ECQ		ISSUE DATE AND DESCRIPTION		DRFT	CHKD
APPROV CODES		DATE CASTIGLIONE		MFG SEP 03,2015		DATE	
CHD		DATE		APPROV Q. MATHEWS		DATE SEP 03,2015	
DIVISION		DIVISION CODE		© 3M COPYRIGHT 2015			
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES NOTED AS NOTED		3M 3M Center St. Paul, MN 55144	
THIRD ANGLE PROJECTION		INCHES +0 0.00 ± .01 0.000 ± .005 0.0000		This document and the information it contains are 3M property and may not be reproduced or further distributed without the 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.			
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 0 ± .3 0.00 ± .13 0.000		TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20			
MAX SURFACE ROUGHNESS 1.6 µm SURFACES 0.8 µm MARKED ONLY		ANGLE		CAGE NUMBER D 78-5100-0519-8		REV. K	
		MODEL 1502		DET YES NO		SHT 2 OF 2	

Mouser Electronics

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