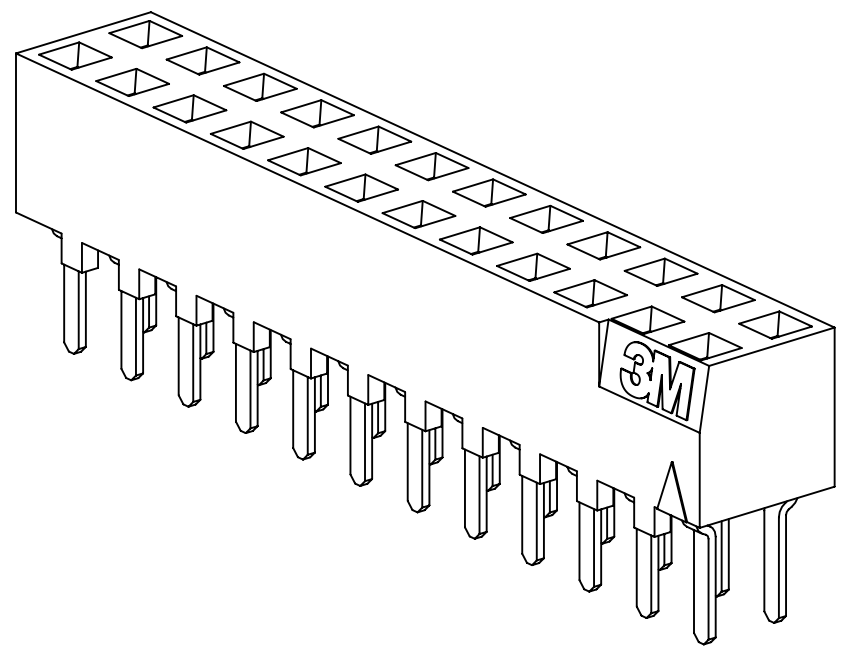
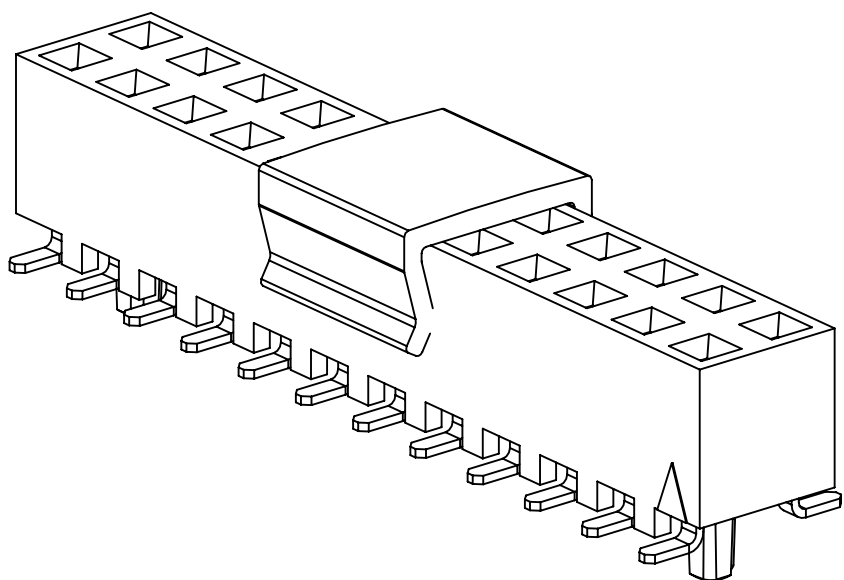


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



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

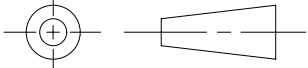
- 2 ENVIRONMENTAL :
- TEMPERATURE RATING: -55° C TO 105° C
 - PROCESS RATING: MAX. 260° C (PER J-STD-020C)
 - MOISTURE SENSITIVITY LEVEL: 1 (PER J-STD-020C)

- NOTES
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
UL FILE NO: E68080

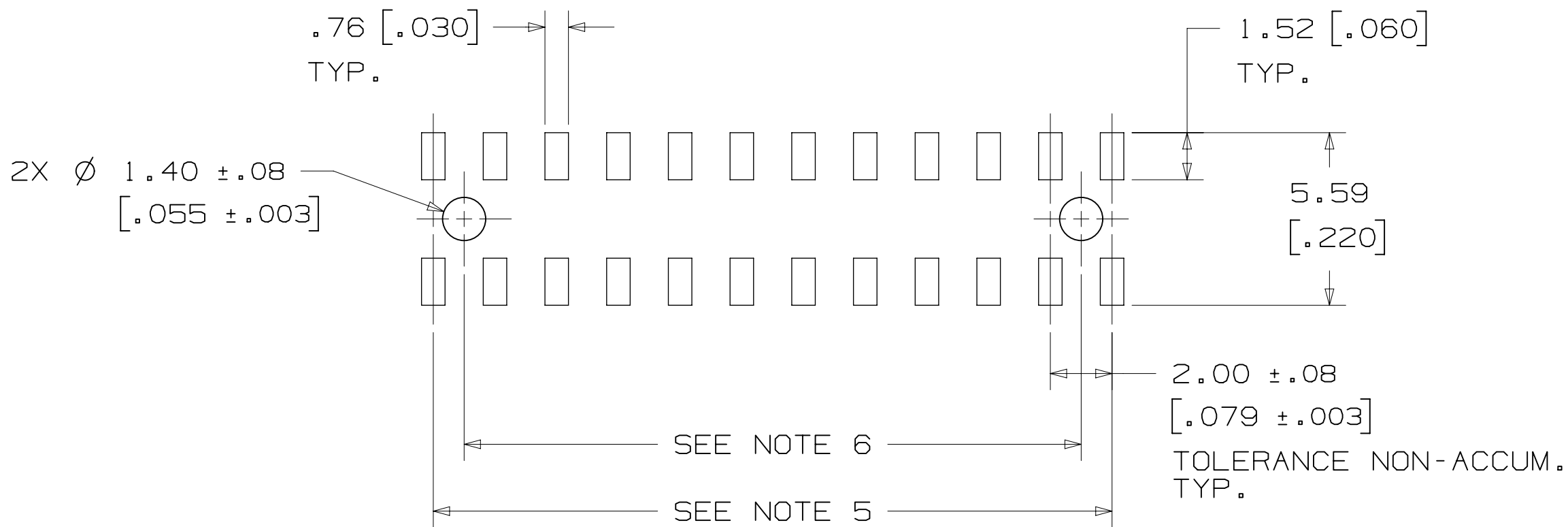
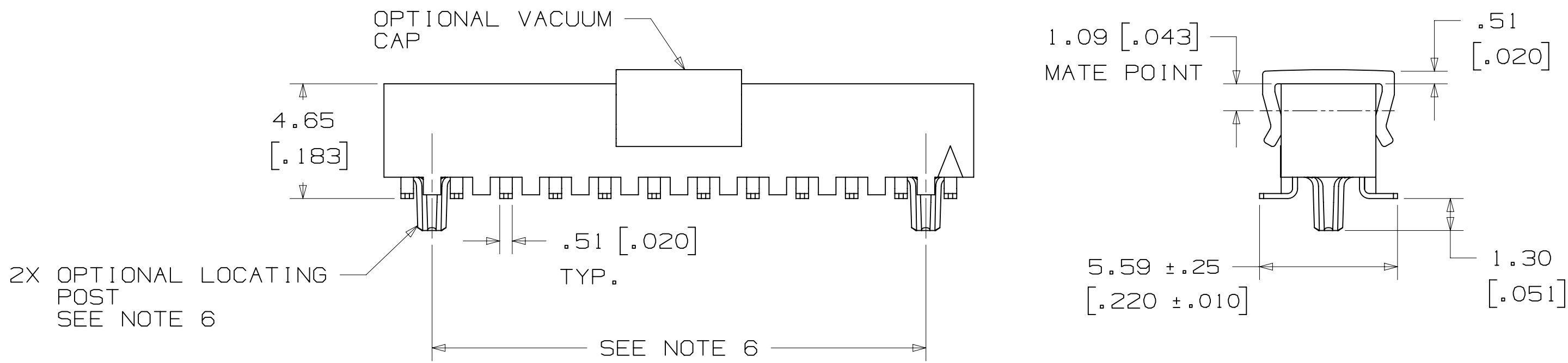
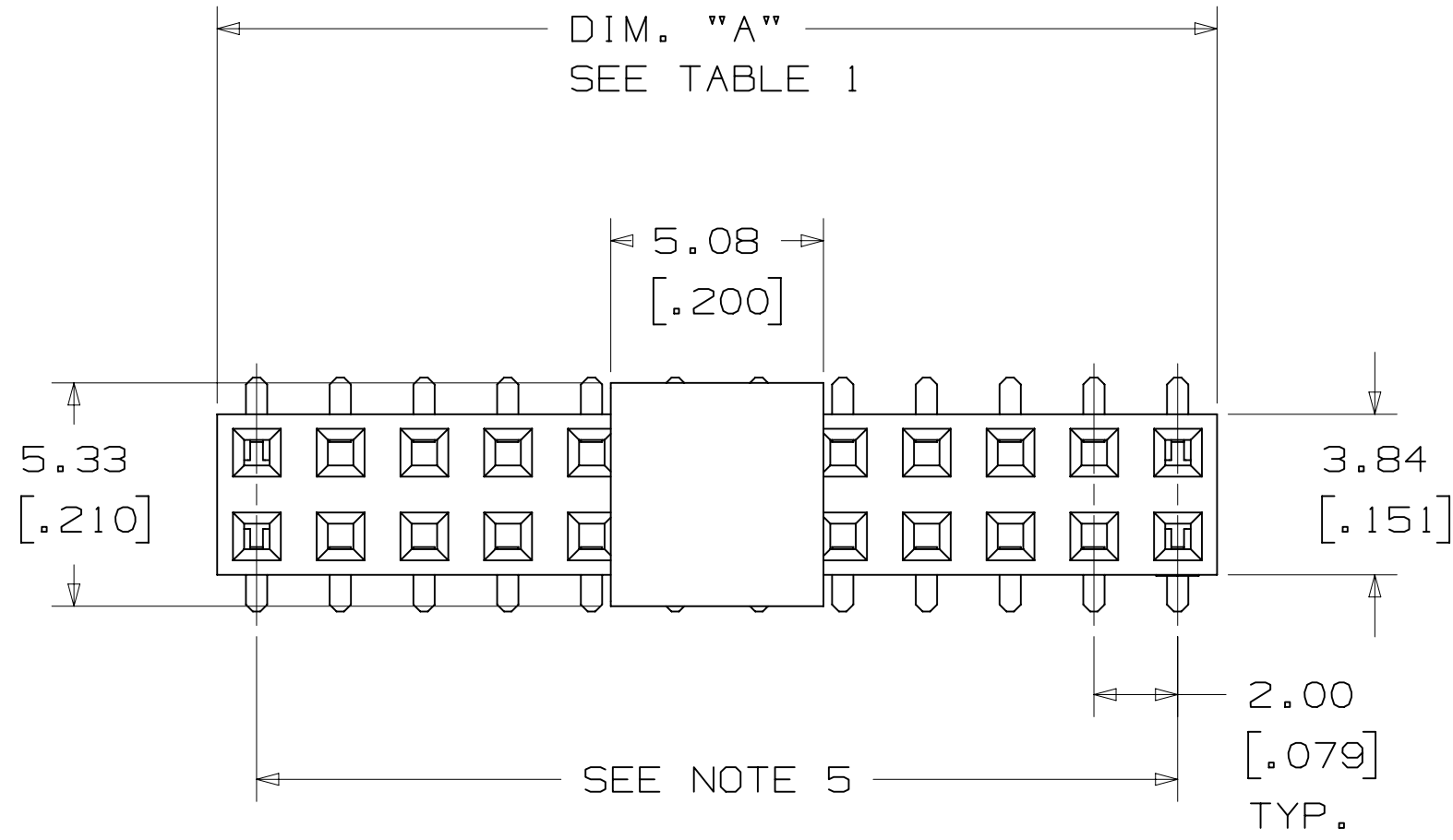
DIMENSIONS: MM [INCH] [INCH] FOR REF. ONLY			K	63282	SEP 03,2015		JNC	ARM	
			REV		ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
DESIGN REFERENCE			NEXT ASSEMBLY		REV		ECO		ISSUE DATE AND DESCRIPTION
XREF CODES			DIV		DATE		MFG		DATE
			CASTIGLIONE		SEP 03,2015		G. MATHEWS		SEP 03,2015
DIVISION			DIVISION CODE		CHKD		DATE		DATE
			EMSD						
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		INCHES .0 ± .1 .000 ± .005 .0002 ± .0002			
		THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .2 .00 ± .13 .000 ± .005		TITLES			
INTERPRET PER ASME Y14.5 - 2009						BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20			
MAX SURFACE ROUGHNESS		SURFACES		CAGE NUMBER		SIZE		DRAWING NO.	
☒ MARKED ONLY		☐ ANGLES		D		78-5100-0519-8		REV.	
				MODEL		1502		DET.	
								LISTS	
								YES	
								NO	
								SHT	
								1	
								OF	
								4	



A

CB

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	C	CASTIGLIONE	SEP 03,2015	MFG	DATE
				CHKD			DATE	APPRV	DATE
DIVISION		DIVISION CODE				SEP 03,2015		SEP 03,2015	
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		3M		© 3M COPYRIGHT 2017	
THIRD ANGLE PROJECTION		INCHES .00 ±.01 .000 ±.005 .0000 ±.0002		MILLIMETERS 0 ±.2 .00 ±.13 .000 ±.005		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.	
MAX SURFACE ROUGHNESS		INTERPRET PER ASME Y14.5 - 2009		CAGE NUMBER		SIZE	DRAWING NO.	REV.	
✓ MARKED ONLY				D		78-5100-0519-8	K		
				MODEL		1502	DET	YES	NO
							SHT	3	OF 4

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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 ✓ UNFINISHED SURFACES		0 ±2 0.0 ±.3 0.00 ±.13 0.000 ±.005		BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20				
MARKED ONLY		ANGLES		CAGE NUMBER		SIZE		
				DRAWING NO.		REV.		
				D 78-5100-0519-8		K		
				MODEL		DET. LISTS		
				1502		YES X NO		
						SHT 4 OF 4		



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- 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;
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- Подбор аналогов;
- 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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