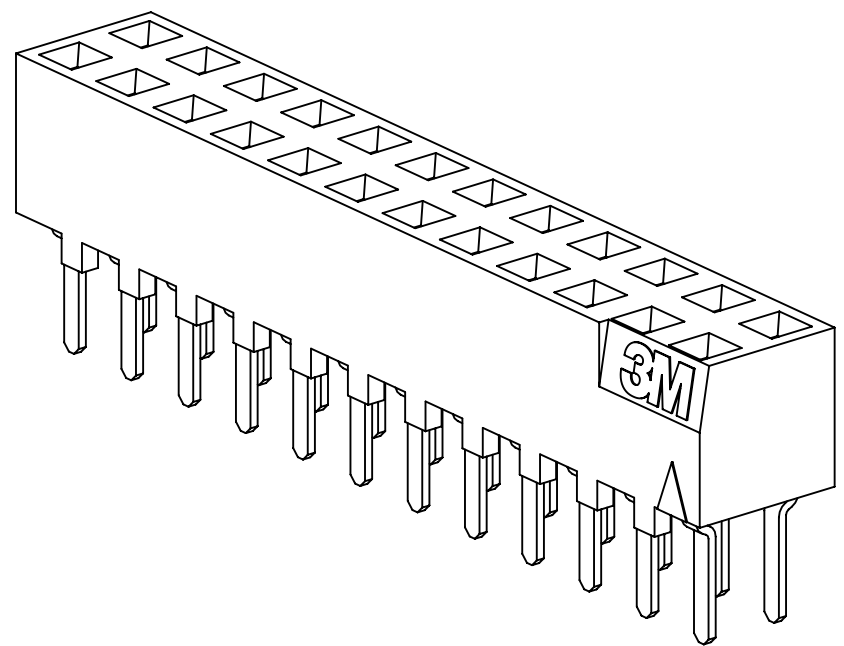
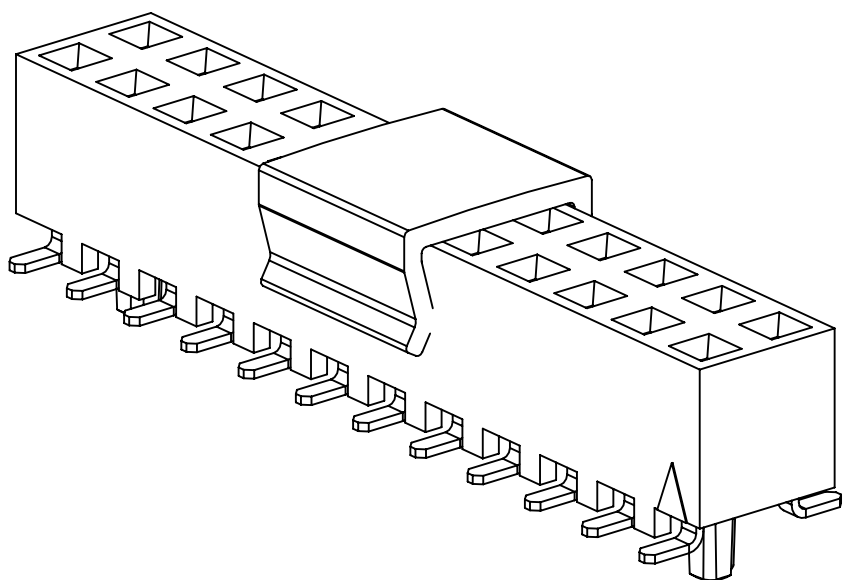


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



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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INFORMATION CALL 800-225-5373

UL
UL FILE NO: E68080

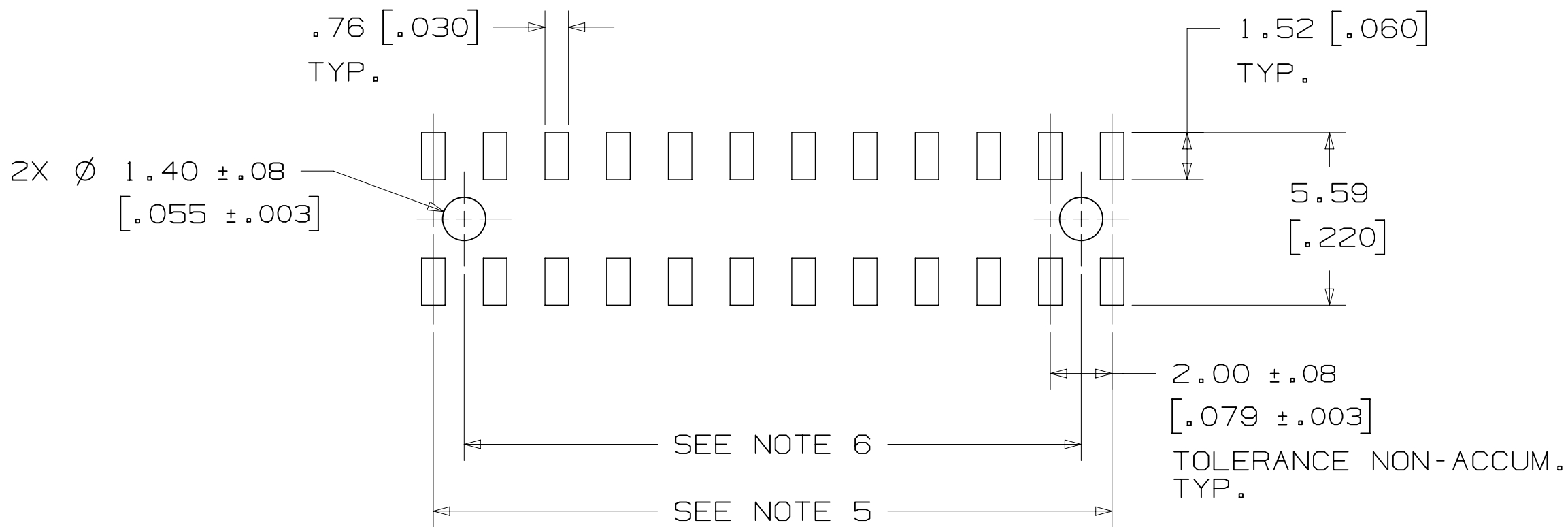
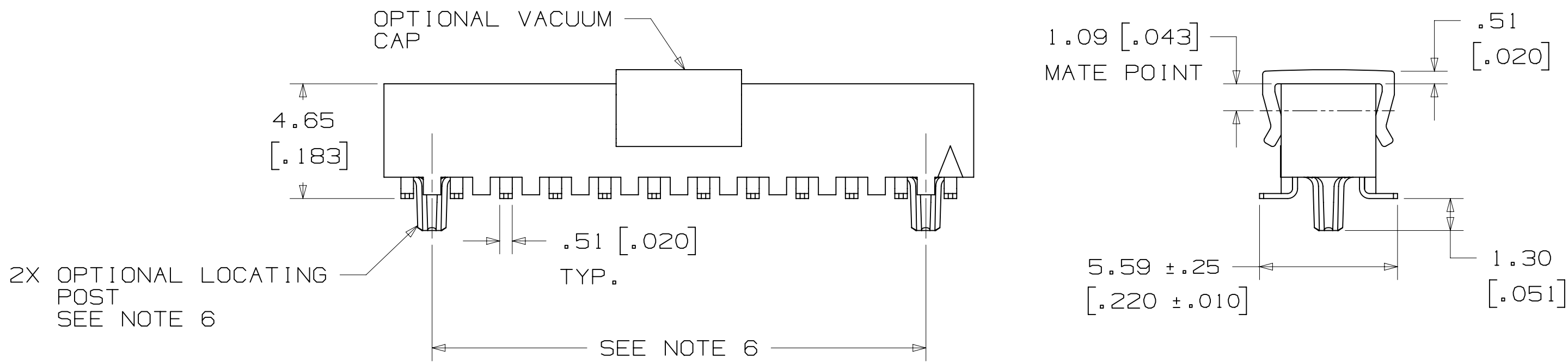
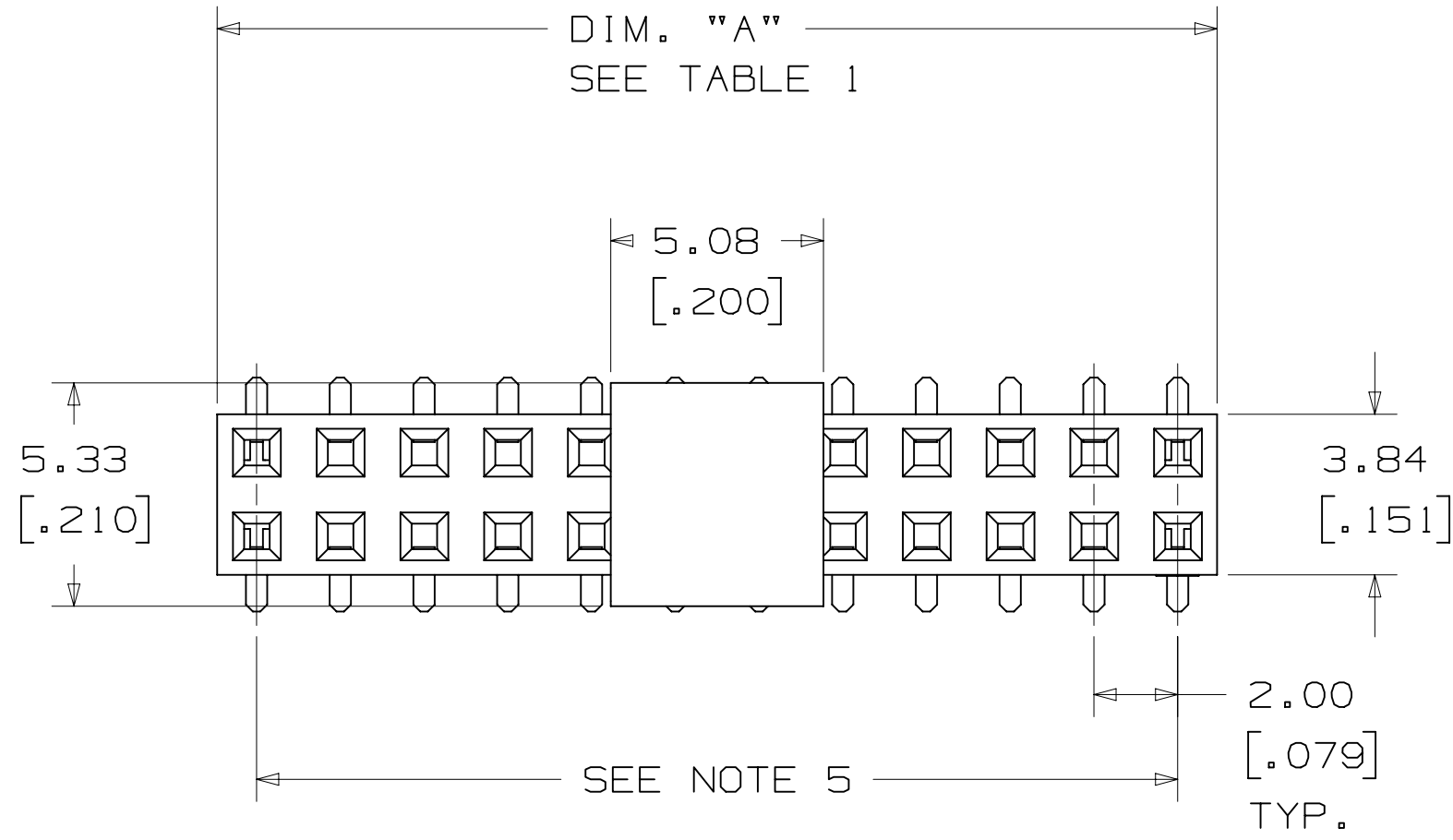
DIMENSIONS: MM [INCH] [INCH] FOR REF. ONLY				K	63282	SEP 03,2015		JNC	ARM
				REV		ECO		REDRAWN & REMOVED RIGHT ANGLE	
DESIGN REFERENCE				NEXT ASSEMBLY		ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES				DATE		MFG		DATE	
				CASTIGLIONE		SEP 03,2015		G. MATHEWS	
DIVISION				DATE		APPROV.		DATE	
						3M - MATHEWS		SEP 03,2015	
DO NOT SCALE DRAWING				SCALE 6 1		TOLERANCES EXCEPT AS NOTED		INCHES .00 ± .01 ± .0005 ± .0002	
THIRD ANGLE PROJECTION				MILLIMETERS 0 ±2 .00 ±.13 ± .0005		TITLES		BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20	
INTERPRET PER ASME Y14.5 - 2009				CAGE NUMBER		SIZE		DRAWING NO.	
MAX SURFACE ROUGHNESS				D		78-5100-0519-8		REV.	
SURFACES				MODEL		1502		DET.	
MARKED ONLY								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
K 63282		SEP 03,2015		REV	ECO	REDRAWN & REMOVED RIGHT ANGLE		JNC	ARM
DIVISION		EMSD		DATE		DATE		DATE	
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		TOLERANCES EXCEPT AS NOTED		TOLERANCES EXCEPT AS NOTED	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009		MAX SURFACE ROUGHNESS		MAX SURFACE ROUGHNESS		MAX SURFACE ROUGHNESS	
MARKED ONLY		MARKED ONLY		MARKED ONLY		MARKED ONLY		MARKED ONLY	
CAGE NUMBER		SIZE		DRAWING NO.		REV.		REV.	
D 78-5100-0519-8		K		D 78-5100-0519-8		K		K	
MODEL		1502		DET		YES		NO	
SHT		3		OF		4		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 				DATE SEP 03, 2015		MFG DATE SEP 03, 2015		DRFT CHKD
DIVISION DO NOT SCALE DRAWING 				DIVISION CODE EMSD TOLERANCES EXCEPT AS NOTED INCHES .00 .01 .000 .005 .0000 .0002 MILLIMETERS 0 .2 .0 .13 .00 .13 .000 .005		APPR. G. MATHEWS		DATE SEP 03, 2015
THIRD ANGLE PROJECTION INTERPRET PER ASME Y14.5 - 2009 MAX SURFACE ROUGHNESS 125 SURFACES MARKED ONLY				TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20		© 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.		K
CAGE NUMBER D				SIZE 5100-0519-8		DRAWING NO. 5100-0519-8		REV. K
MODEL 1502				DET. LISTS ☒ YES ☒ NO		SHT 4 OF 4		ANGLES



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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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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