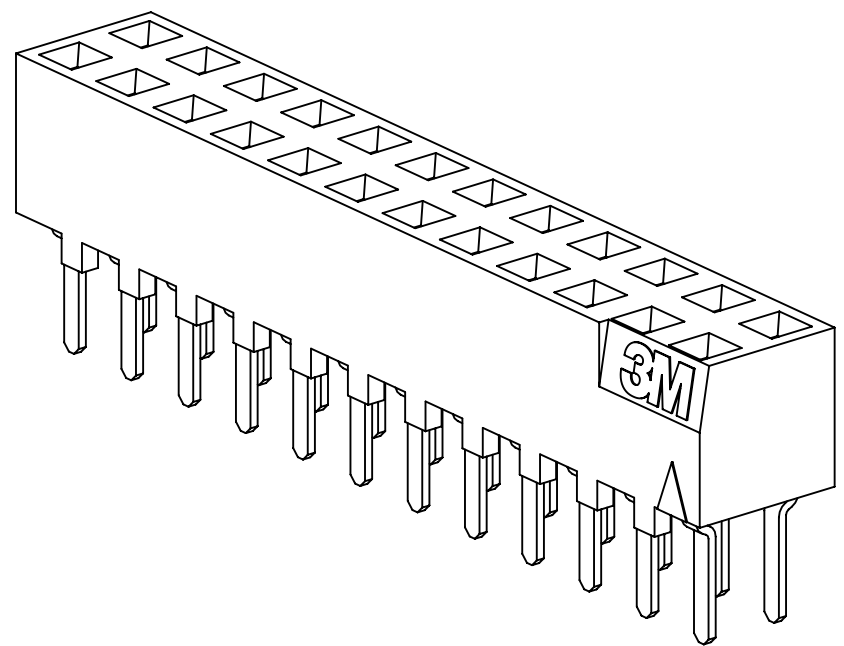
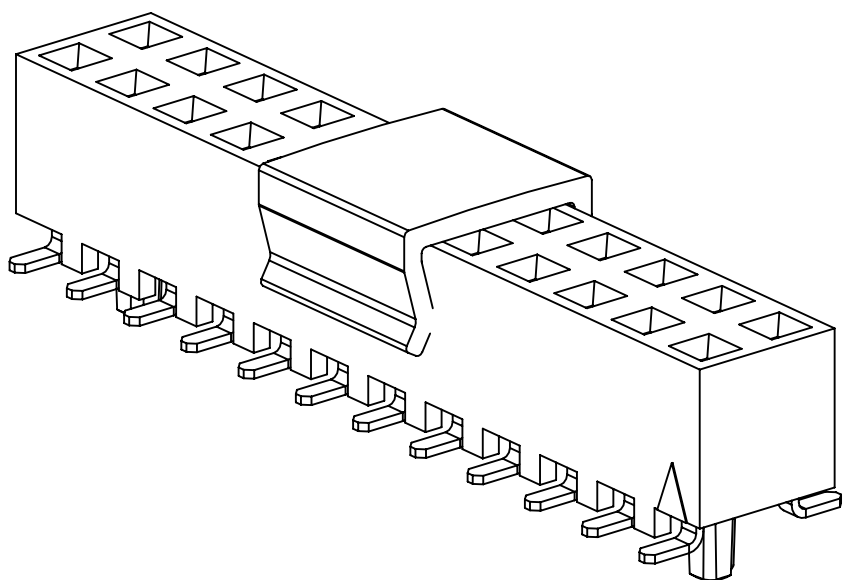


3M™ BOARDMOUNT SOCKET, 1502 SERIES
2.00MM X 2.00MM STRAIGHT AND SURFACE MOUNT, PLATED THROUGH HOLE



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)

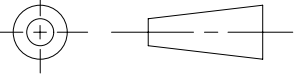
- 2 ELECTRICAL :
- CURRENT RATING: 1A
 - VOLTAGE RATING: 150V_{AC} PER EIA-364-20
 - INSULATION RESISTANCE: >1 X 10⁹ OHM AT 250V_{DC}
 - WITHSTANDING VOLTAGE: 500V_{DC} AT SEA LEVEL
- 2 ENVIRONMENTAL :
- TEMPERATURE RATING: -55° C TO 105° C
 - PROCESS RATING: MAX. 260° C (PER J-STD-020C)
 - MOISTURE 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 REDRAWN & REMOVED RIGHT ANGLE		JNC	ARM
DESIGN REFERENCE			REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD
XREF CODES			DRPT	CASTIGLIONE	DATE	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			TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT & SMT, PAC 20		
		INCHES .00 ± .1 .00 ± .01 .000 ± .005 .0000 ± .0002			CAGE NUMBER D78-5100-0519-8			
THIRD ANGLE PROJECTION		MILLIMETERS 0 ± .2 .0 ± .13 .00 ± .005			REV. K			
INTERPRET PER ASME Y14.5 - 2009		ANGLES			MODEL 1502			
MAX SURFACE ROUGHNESS DTX SURFACES ✓ ☐ MARKED ONLY					DET LISTS ☒ YES ☐ NO SHT 1 OF 4			

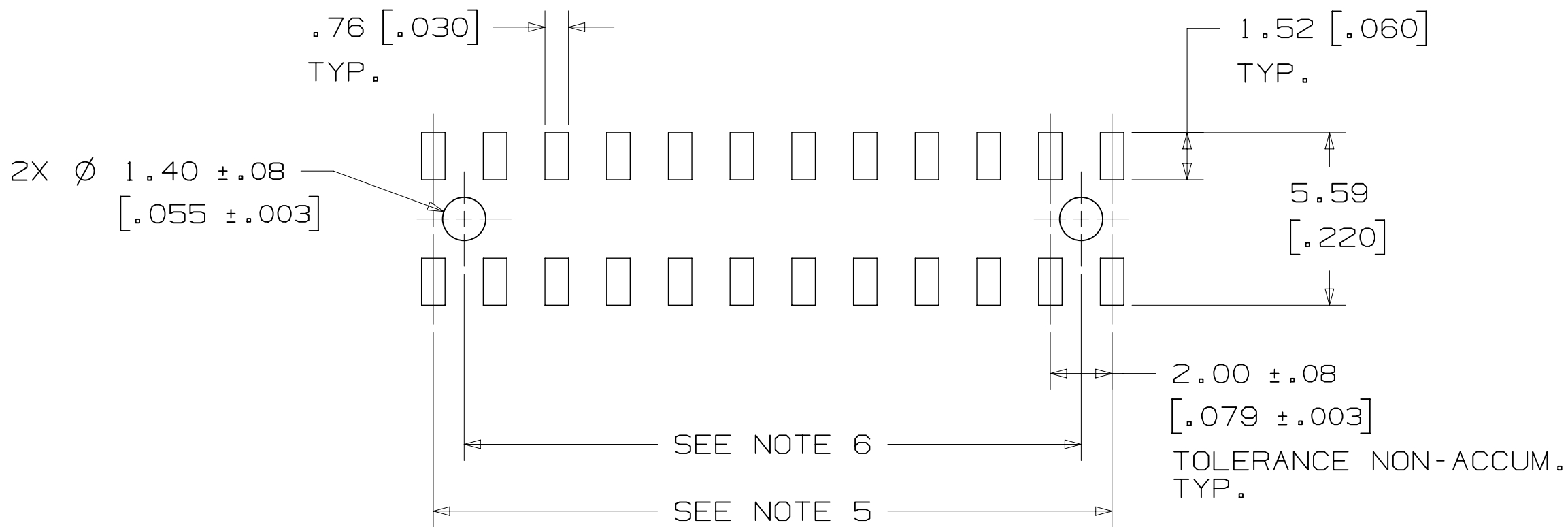
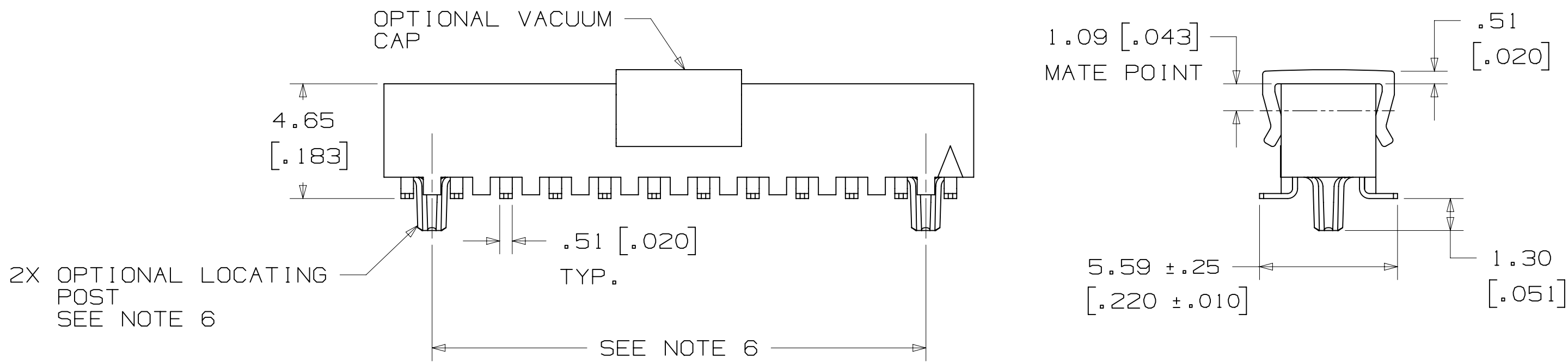
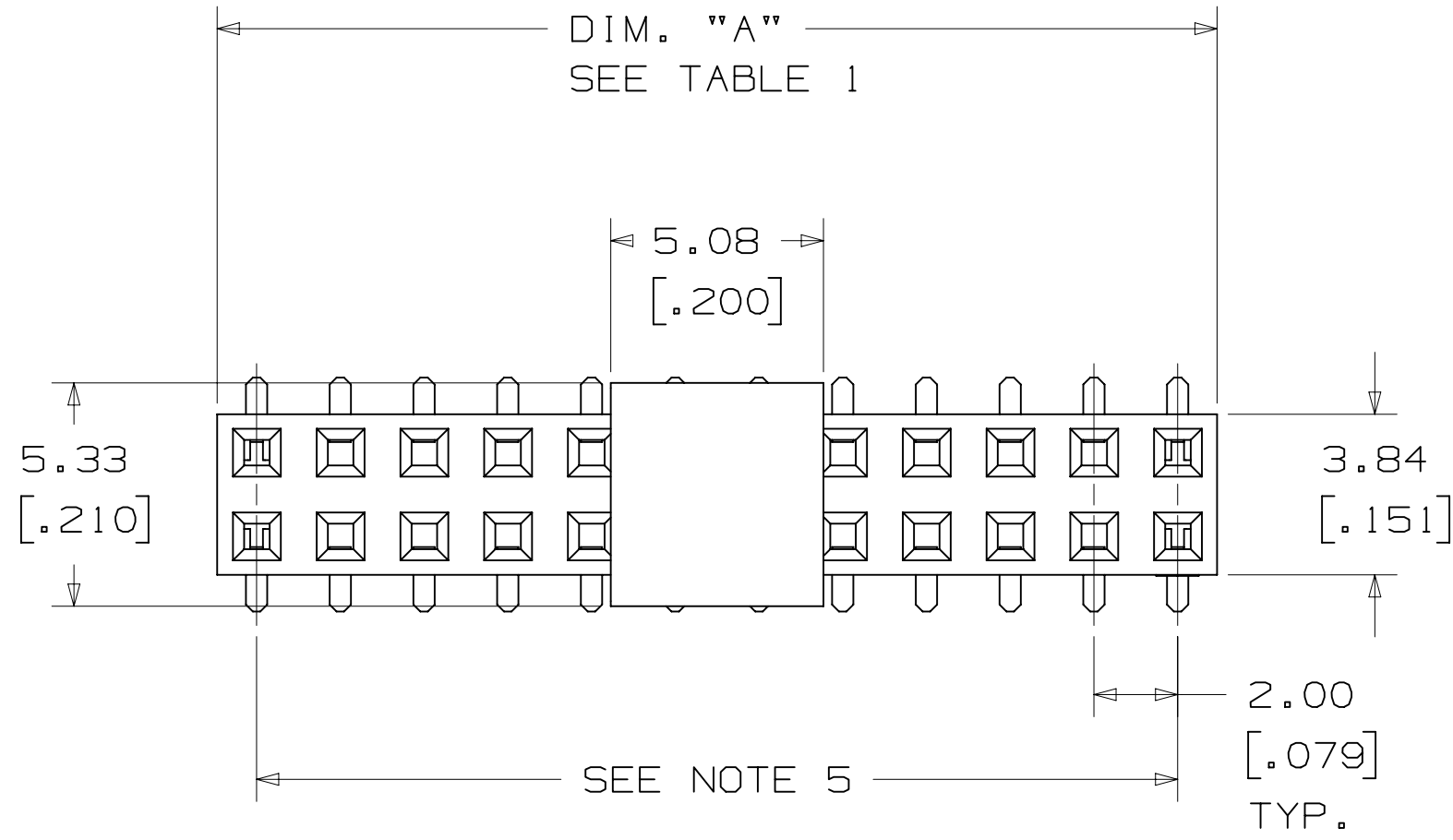


A

C

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

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				REDRAWN & REMOVED RIGHT ANGLE		JNC	ARM
DIVISION		EMSD		DATE		DATE		DATE	
DO NOT SCALE DRAWING		SCALE 6 1		TOLERANCES EXCEPT AS NOTED		INCHES .0 .000 .0000 ±.1 ±.01 ±.005 ±.0002		MILLIMETERS 0 .0 .00 .000 ±.2 ±.13 ±.005	
THIRD ANGLE PROJECTION		INTERPRET PER ASME Y14.5 - 2009		MAX SURFACE ROUGHNESS		MARKED ONLY		ANGLES	
CAGE NUMBER		SIZE		DRAWING NO.		REV.		DET	
D 78-5100-0519-8		K		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 SEP 03,2015	
DIVISION		DIVISION CODE		CHWD		APPL.		DATE	
		EMSD				G. MATHEWS		SEP 03,2015	
DO NOT SCALE DRAWING		TOLERANCES EXCEPT AS NOTED 		3M Center St. Paul, MN 55114		© 3M COPYRIGHT 1917 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.			
THIRD ANGLE PROJECTION		INCHES .00 ±.1 .000 ±.01 .000 ±.005 .0000 ±.0002		TITLE BOARDMOUNT SOCKET, 2MM X 2MM, STRAIGHT, & SMT, PAC 20					
INTERPRET PER ASME Y14.5 - 2009		MILLIMETERS 0 ±.2 .0 ±.3 .00 ±.13 .000 ±.005		SIZE DRAWING NO. D 78-5100-0519-8		REV. K			
MAX. SURFACE ROUGHNESS SURFACES MARKED ONLY		ANGLES		MODEL 1502		DET. LISTS YES ☒ NO ☐		SHT 4 OF 4	



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;
- 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 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.