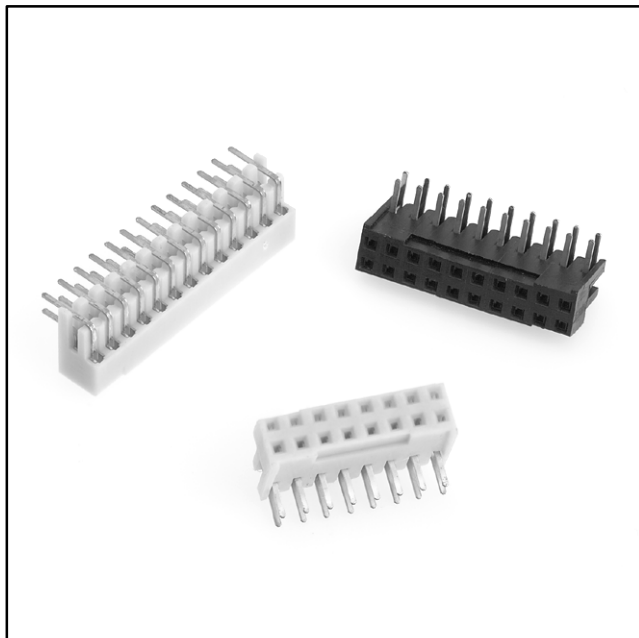


3M™ Pak 20 Boardmount Socket

2 mm × 2 mm Right Angle, Solder Tails

1502 Series



- High temperature dielectric
- IR, vapor and wave solder compatible
- Minimizes PC board space
- Mates with 2.5" hard drives for direct connect applications
- Mates with pin headers for board stacking applications
- End stackable feature

Date Modified: May 19, 2004

TS-0520-15
Sheet 1 of 2

Physical

Insulation

Material: Glass Filled PCT
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy

Plating

Underplate: 50-150 μ " [1.27-3.81 μ m] Nickel — QQ-N-290, Class 2
Wiping Area: Gold — MIL-G-45204, Type II, Grade C
Solder Tails: 100-300 μ " [2.54-7.62 μ m] 90/10 Tin Lead — MIL-P-81728

Marking: Orientation delta and 3M logo

Note: The location and thickness of the contact plating is determined by the part number. Refer to ordering information.

Electrical

Current Rating: 1.5 A

Insulation Resistance: $> 5 \times 10^9 \Omega$ at 250 Vdc

Withstanding Voltage: 500 Vdc at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

UL File No.: E68080

3M
Interconnect Solutions
<http://www.3M.com/interconnects/>

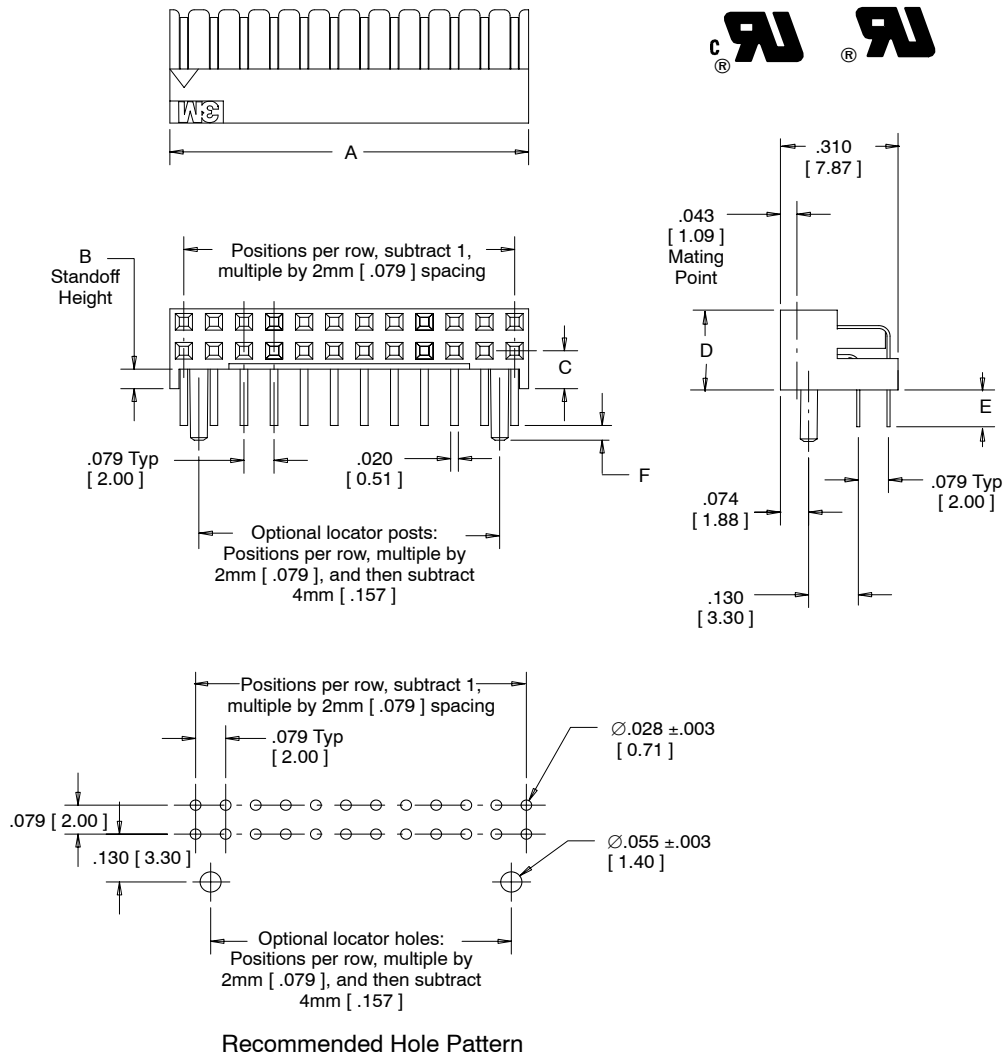
3M is a trademark of 3M Company.
For technical, sales or ordering information call
800-225-5373

3M™ Pak 20 Boardmount Socket

2 mm × 2 mm Right Angle, Solder Tails

1502 Series

Contact Quantity	Dimension A
8	0.315 [8.00]
10	0.389 [10.00]
12	0.467 [12.00]
14	0.546 [14.00]
16	0.625 [16.00]
18	0.704 [18.00]
20	0.782 [20.00]
22	0.861 [22.00]
24	0.940 [24.00]
26	1.019 [26.00]
28	1.097 [28.00]
30	1.176 [30.00]
32	1.255 [32.00]
34	1.334 [34.00]
36	1.412 [36.00]
38	1.491 [38.00]
40	1.570 [40.00]
42	1.649 [42.00]
44	1.727 [44.00]
46	1.806 [46.00]
48	1.885 [48.00]
50	1.964 [50.00]
52	2.042 [52.00]
54	2.121 [54.00]
56	2.200 [56.00]
58	2.278 [58.00]
60	2.357 [60.00]



Recommended Hole Pattern

Standoff Height Code	Dimensions				
	B	C	D	E	F
0	.015 [0.38]	.065 [1.65]	.179 [4.55]	.100 [2.54]	.040 [1.02]
1	.053 [1.35]	.103 [2.62]	.217 [5.51]	.100 [2.54]	.040 [1.02]
2	.028 [0.71]	.078 [1.98]	.192 [4.88]	.125 [3.18]	.035 [0.89]

	.0	.00	.000
Inch	± .1	± .01	±.005

[] Dimensions for Reference only

Ordering Information

X1502XX-5XX2XX

Packaging
V = Bulk
Blank = Standard

Number of Positions
(See Table 1)
(Even No.: 10-60)

Board Location Post
0 = None
2 = With Board Location Post

Plating
TB = 30 μ" [0.76 μm] Gold
TH = 15 μ" [0.38 μm] Gold

Standoff Height Code
(See Table 2, Dim B)
0 = .015" (Standard)
1 = .053"
2 = .028" (Position 40, 44, and 50 only)

TS-0520-15
Sheet 2 of 2

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.



Electronic Solutions Division

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/esd

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of 1 year from the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9