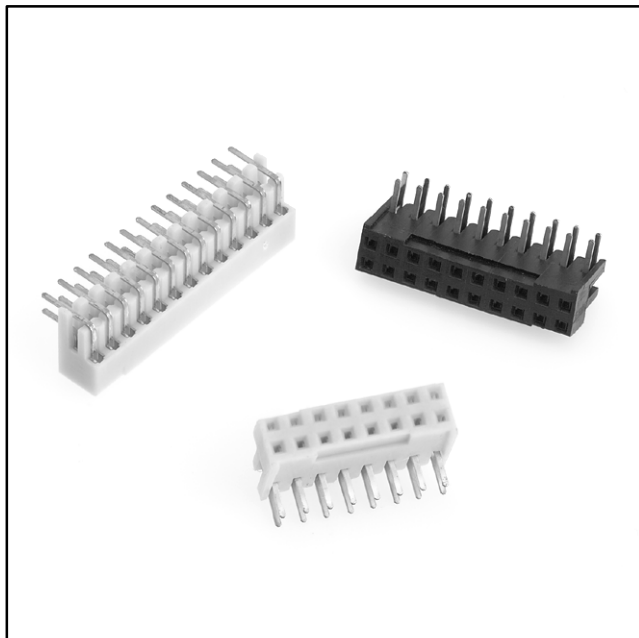


3M™ Pak 20 Boardmount Socket

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

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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/>

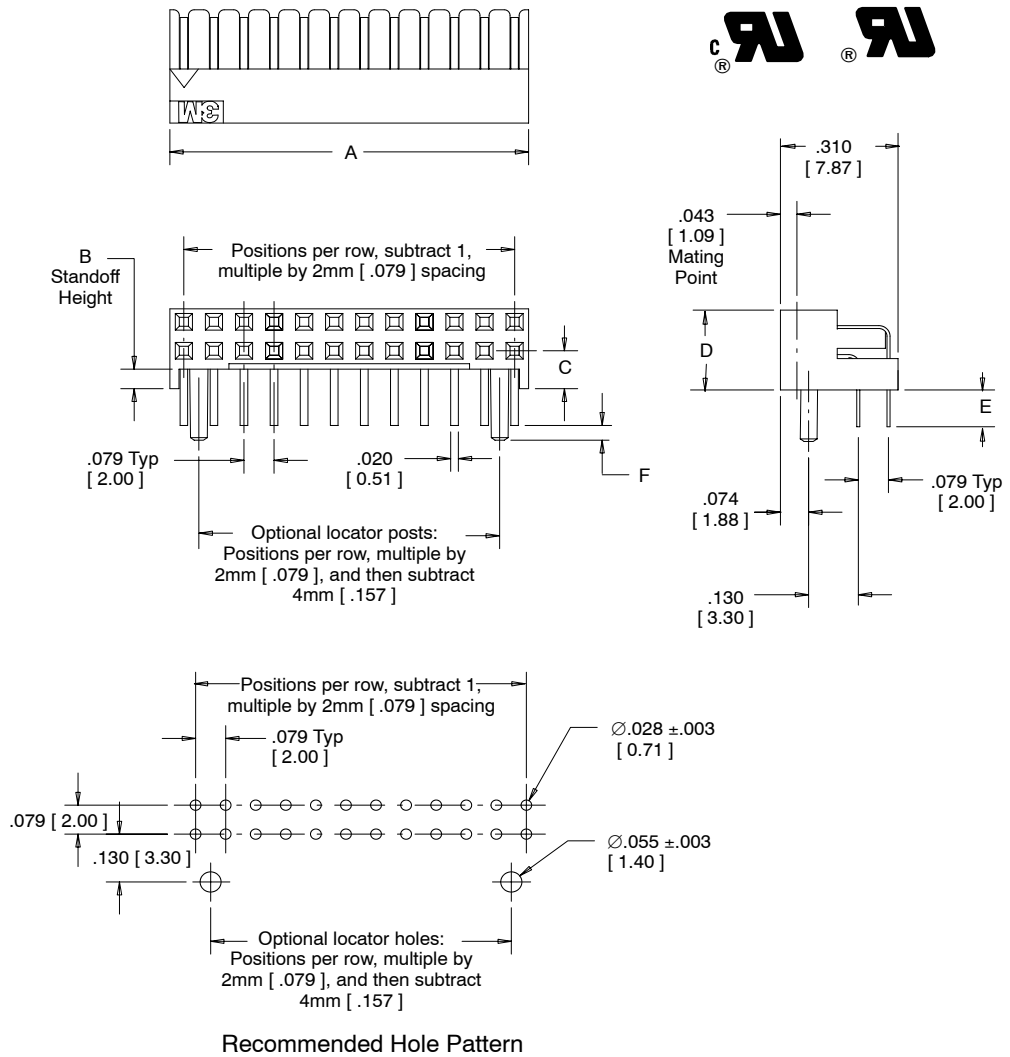
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For technical, sales or ordering information call
800-225-5373

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] |



| 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)

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Sheet 2 of 2

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- 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;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- 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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