

Sil-Pad 600® 是一种导热树脂型垫。其中有特殊填充成分，使其热性能比原来以玻璃纤维为基质的 **Sil-Pad** 更好。此材料有优良的物理机械特性，成本仍具有竞争性。（电绝缘材料）

Sil-Pad 900-S® 系列导热绝缘材料设计用于满足低成本、高热性的需要。作为 **Sil-Pad 600** 的改良代替品。

Q-Pad 3® 是一种热导的玻璃纤维强化的镶嵌型石墨。它与各种表面质地容易吻合。这种材料没有散热膏造成的污染电子装配和回流焊浴的缺点。在焊接和清洗之前可安装 **Q-Pad 3**。（导电材料）

Sil-Pad K10® 是一种导热 **Kapton** 合成膜，涂有氮化硼作充料的聚脂树脂，厚度极低热阻极小，在 **Kapton** 绝缘体中具有最高的热性能。用来代替易碎的陶瓷绝缘器。（电绝缘材料）

CPU Pad® 是一种导热不导电的、双层的 **Kapton** 胶片。一般用于 CPU 和散热片之间，被用来代替夹具将散热片连接到 CPU 上。不需钳制时间或高压力。

SPT 400 一种用于夹住式塑料功率型设备的导热绝缘体。这些 **TO-220** 热管被套在半导体设备上，将热量传至散热片和夹具。设计在以金属夹将设备连接到散热片的散热片上使用。（电绝缘材料）

HI-FLOW™ 115-AC 是一种导热纤维强化型相变材料。产品由导热的

65°C 相变化合物组成。表面涂玻璃纤维网，一侧涂有粘胶，用来连接一个冷散热片。在室温时特性类似 **Sil-Pad**，在较高温度时如同高质量散热膏一样流动。

Bond Ply™ 100 是一种导热双面压敏胶。胶带有高性能、导热丙烯酸粘胶组成。表面涂玻璃纤维网。**Bond Ply 100** 被设计成对各种不同表面上具高粘合力，并且在一般湿度和高潮湿的环境下，能保持长期的高粘合力。典型应用：• 将散热片安装在 **BGA** 图像处理上 • 将散热片安装在计算机处理器上 • 将散热片安装在驱动处理器上 • 将散热片安装在功率转换 **PCB** 上 • 将散热片安装在马达控制 **PCB** 上

Gap Pad™ 1500 成本低，设计用于将热量最大限度地从电子元件传至散热片或散热器。**GP 1500** 是一种易变形的低模数材料，它能填充由于台阶结构、粗糙表面和高叠加工公差而造成的空气缝隙。其柔软性可缓解应力和吸收震动，减小对精制引线的损坏。**GP 1500** 是一种电绝缘材料，可用于隔离散热器和高压裸线设备。

Gap Pad™ 1500R 是具有与标准 **Gap Pad™ 1500** 一样的高合型低模数聚合物。加强玻璃纤维可以更方便于处理材料，增加抗冲击、剪切和断裂性能。材料两面的粘胶特性确保与组件更好地结合，进一步降低热阻。

Sil-Pad K-4® 使用了特别研发的薄膜，具有高热性、高绝缘力度，

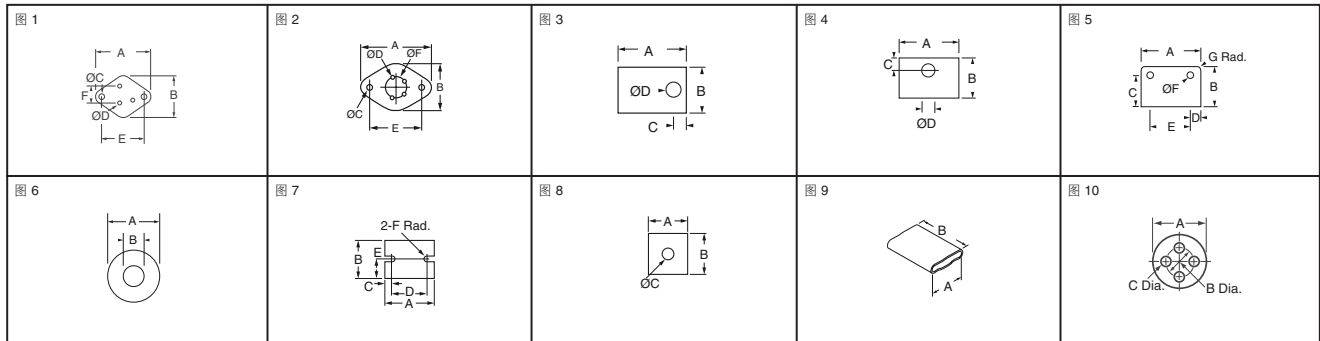
并且经久耐用。**Sil-Pad K-4** 组合了著名 **Sil-Pad** 橡胶的散热性能和薄膜的物理特性。**Sil-Pad K-4** 是一种能耐高压、不需要散热膏来传热的耐用绝缘体。

Sil-Pad K-6® 是一种特性中等的薄膜原料制成的导热绝缘体。该薄膜涂有高性能硅胶，性能好，物理特性坚固、持久、稳定，可以防止“切割”及所引起的组件故障。

Sil-Pad 1000® 有 **Sil-Pad 400** 材料同样的优良机械和物理特性，但热阻减少了 **35%**。**Sil-Pad 1000** 是树脂橡胶和玻璃纤维的合成材料。它经过特殊填充能提供低热阻性能。**Sil-Pad 1000** 无毒，抗清洁剂损害。它可以阻燃，经特殊合成而作为导热绝缘器使用。

Sil-Pad 2000® 是 **Bergquist** 的高性能、高可靠性导热绝缘体。**Sil-Pad 2000** 被设计用于苛刻的军事/航空和商业领域。在这些应用中，**Sil-Pad 2000** 符合军用标准。这种硅胶经特别填充，以提高高填充/结合剂合成物的热性能和绝缘性能。所产生的是一种“非散热膏”类的柔塑料，能满足或超出高可靠电子包装应用的传热和电性能要求。

Gap-Pad® VO 超柔型 建议用于极低应力场合。材料的粘弹性提供了优良的低应力震荡阻尼和震动吸收特性。**Gap Pad VO 超柔型** 是一种电绝缘材料，可用于隔离散热器和高压裸线设备。



| 图 | 器件类型 | 尺寸 - 英寸 (mm) | | | | | | | | Digl-Key 零件编号 | | | | Bergquist 零件编号 | | | | | |
|--------------|--------------|---------------|--------------|--------------|-------------|---------------|--------------|-----------|-----|---------------|------|------|-----------|----------------|---------------|--|--|--|--|
| | | A | B | C | D | E | F | G | | 1 | 10 | 50 | 100 | | | | | | |
| 1 | TO-3 | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER100-ND | 1.09 | .98 | .88 | .78 | SP600-05 | | | | |
| | | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER172-ND | 1.09 | .98 | .88 | .78 | SP900S-05 | | | | |
| | | 1.78 (45.21) | 1.25 (31.75) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER101-ND | 1.17 | 1.05 | .94 | .84 | SP600-02 | | | | |
| | | 1.78 (45.21) | 1.25 (31.75) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER171-ND | 1.06 | .95 | .85 | .75 | SP900S-02 | | | | |
| | | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER111-ND | 2.32 | 2.08 | 1.86 | 1.65 | K10-05 | | | | |
| | | 1.78 (45.21) | 1.25 (31.75) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER112-ND | 2.60 | 2.33 | 2.09 | 1.85 | K10-02 | | | | |
| | | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER122-ND | .71 | .63 | .57 | .50 | Q3-05 | | | | |
| | | 1.250 (31.75) | .700 (17.78) | .140 (3.56) | .062 (1.57) | .960 (24.38) | .200 (5.08) | — | — | BER152-ND | 1.03 | .93 | .83 | .74 | K10-30 | | | | |
| | TO-3 / TO-66 | 1.78 (45.21) | 1.25 (31.75) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER209-ND* | .63 | .56 | .51 | .45 | 7403-09FR-02 | | | | |
| | | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER203-ND* | .60 | .54 | .49 | .43 | 3223-07FR-05 | | | | |
| | | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | — | BER212-ND* | .60 | .54 | .49 | .43 | 7403-09FR-05 | | | | |
| | | 1.65 (41.91) | 1.14 (28.96) | .122 (3.10) | .062 (1.57) | 1.187 (30.15) | .430 (10.92) | — | — | BER211-ND* | .60 | .54 | .49 | .43 | 7403-09FR-04 | | | | |
| | | 1.563 (39.70) | 1.05 (26.67) | .140 (3.56) | .080 (2.03) | 1.187 (30.15) | .430 (10.92) | — | — | BER210-ND* | .58 | .52 | .47 | .42 | 7403-09FR-03 | | | | |
| | | 1.312 (33.32) | .762 (19.35) | .140 (3.56) | .062 (1.57) | .960 (24.38) | .200 (5.08) | — | — | BER218-ND* | .53 | .48 | .43 | .38 | 7403-09FR-11 | | | | |
| 2 | TO-3 (4 引脚) | 1.56 (39.62) | 1.05 (26.67) | .156 (39.62) | .080 (2.03) | 1.170 (29.72) | .470 (11.94) | — | — | BER139-ND | .72 | .65 | .58 | .51 | SP600-86 | | | | |
| | | 1.56 (39.62) | 1.05 (26.67) | .156 (39.62) | .080 (2.03) | 1.170 (29.72) | .470 (11.94) | — | — | BER140-ND | 1.49 | 1.33 | 1.19 | 1.06 | K10-86 | | | | |
| | | 1.56 (39.62) | 1.05 (26.67) | .156 (39.62) | .080 (2.03) | 1.170 (29.72) | .470 (11.94) | — | — | BER141-ND | .49 | .45 | .40 | .35 | Q3-86 | | | | |
| 3 | TO-247AC | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER178-ND | .82 | .74 | .66 | .59 | SP900S-104 | | | | |
| | | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER120-ND | 1.36 | 1.22 | 1.09 | .97 | K10-104 | | | | |
| | | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER131-ND | .63 | .56 | .51 | .45 | Q3-104 | | | | |
| | TO-220 | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER200-ND | 1.68 | 1.51 | 1.35 | 1.20 | 2015-104 | | | | |
| | | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER204-ND* | .51 | .46 | .41 | .37 | 3223-07FR-104 | | | | |
| | | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER221-ND | .66 | .60 | .54 | .47 | K6-104 | | | | |
| | | 1.00 (25.40) | .750 (19.05) | .300 (7.62) | .140 (3.56) | — | — | — | — | BER109-ND | .63 | .57 | .51 | .45 | SP600-104 | | | | |
| | | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | — | BER208-ND* | .72 | .65 | .58 | .52 | 3223-07FR-90 | | | | |
| | | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | — | BER217-ND* | .50 | .45 | .41 | .36 | 7403-09FR-90 | | | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | — | BER102-ND | .73 | .66 | .59 | .52 | SP600-58 | | | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | — | BER176-ND | .73 | .66 | .59 | .52 | SP900S-58 | | | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | — | BER103-ND | .73 | .66 | .59 | .52 | SP600-54 | | | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | — | BER175-ND | .73 | .66 | .59 | .52 | SP900S-54 | | | | |
| | | .750 (19.05) | .500 (12.70) | — | — | — | — | — | — | BER110-ND | .73 | .66 | .59 | .52 | SP600-43 | | | | |
| .750 (19.05) | .500 (12.70) | — | — | — | — | — | — | BER174-ND | .73 | .66 | .59 | .52 | SP900S-43 | | | | | | |

* 由 SP400 材料制成。

(转下页)



| 图 | 器件类型 | 尺寸 - 英寸 (mm) | | | | | | | Digi-Key 零件编号 | 单价 | | | | Bergquist 零件编号 | | |
|--|------------------------|---------------|---------------|---------------|--------------|---------------|--------------|--------------|------------------|-------------|-----------|-------|-------|----------------------|-----|------------|
| | | A | B | C | D | E | F | G | | 1 | 10 | 50 | 100 | | | |
| 3 | TO-220 | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER113-ND | 1.02 | .92 | .82 | .73 | K10-58 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER114-ND | .82 | .74 | .66 | .59 | K10-54 | | |
| | | .750 (19.05) | .500 (12.70) | — | — | — | — | — | BER121-ND | 1.02 | .92 | .82 | .73 | K10-43 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER124-ND | .60 | .54 | .49 | .43 | Q3-58 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER125-ND | .60 | .54 | .49 | .43 | Q3-54 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER198-ND | .57 | .51 | .46 | .41 | 1009-54 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER201-ND | 1.07 | .96 | .86 | .76 | 2015-54 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER206-ND * | .48 | .43 | .39 | .34 | 3223-07FR-54 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER215-ND * | .48 | .43 | .39 | .34 | 7403-09FR-54 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER219-ND | .64 | .57 | .51 | .46 | K4-54 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER199-ND | .57 | .51 | .46 | .41 | 1009-58 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER202-ND | 1.07 | .96 | .86 | .76 | 2015-58 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER207-ND * | .57 | .51 | .46 | .41 | 3223-07FR-58 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER216-ND * | .48 | .43 | .39 | .34 | 7403-09FR-58 | | |
| | | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER220-ND | .54 | .49 | .44 | .39 | K4-58 | | |
| | | .750 (19.05) | .500 (12.70) | — | — | — | — | — | BER132-ND | .60 | .54 | .49 | .43 | Q3-43 | | |
| | | .687 (17.45) | .562 (14.27) | .218 (5.54) | .125 (3.18) | — | — | — | BER205-ND * | .48 | .43 | .39 | .34 | 3223-07FR-51 | | |
| | | .687 (17.45) | .562 (14.27) | .218 (5.54) | .125 (3.18) | — | — | — | BER214-ND * | .48 | .43 | .39 | .34 | 7403-09FR-51 | | |
| | | .687 (17.45) | .562 (14.27) | .218 (5.54) | .125 (3.18) | — | — | — | BER146-ND | .72 | .65 | .58 | .52 | K10-51 | | |
| | | .687 (17.45) | .562 (14.27) | .218 (5.54) | .125 (3.18) | — | — | — | BER147-ND | .43 | .39 | .35 | .31 | Q3-51 | | |
| | | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | BER108-ND | .80 | .72 | .64 | .57 | SP600-90 | | |
| | | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | BER177-ND | .80 | .72 | .64 | .57 | SP900S-90 | | |
| | | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | BER119-ND | 1.26 | 1.13 | 1.01 | .90 | K10-90 | | |
| | | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | BER130-ND | .62 | .56 | .50 | .44 | Q3-90 | | |
| | | 4 | 多 | .945 (24.00) | .827 (21.01) | .196 (4.98) | .150 (3.81) | — | — | — | BER107-ND | .83 | .75 | .67 | .59 | SP600-114 |
| | | | | .945 (24.00) | .827 (21.01) | .196 (4.98) | .150 (3.81) | — | — | — | BER180-ND | .83 | .75 | .67 | .59 | SP900S-114 |
| | | | | .945 (24.00) | .827 (21.01) | .196 (4.98) | .150 (3.81) | — | — | — | BER118-ND | 1.38 | 1.24 | 1.11 | .98 | K10-114 |
| | | 5 | SIP | 1.450 (36.83) | .838 (21.29) | .612 (15.54) | .245 (6.22) | .960 (24.38) | .170 (4.32) | .120 (3.05) | BER106-ND | .94 | .84 | .75 | .67 | SP600-105 |
| 1.450 (36.83) | .838 (21.29) | | | .612 (15.54) | .245 (6.22) | .960 (24.38) | .170 (4.32) | .120 (3.05) | BER117-ND | 1.76 | 1.58 | 1.42 | 1.25 | K10-105 | | |
| 1.450 (36.83) | .838 (21.29) | | | .612 (15.54) | .245 (6.22) | .960 (24.38) | .170 (4.32) | .120 (3.05) | BER179-ND | .94 | .84 | .75 | .67 | SP900S-105 | | |
| 6 | DO-5 | 1.00 (25.40) | .260 (6.60) | — | — | — | — | — | BER105-ND | .88 | .79 | .71 | .63 | SP600-25 | | |
| | | 1.00 (25.40) | .260 (6.60) | — | — | — | — | — | BER173-ND | .88 | .79 | .71 | .63 | SP900S-25 | | |
| | | 1.00 (25.40) | .260 (6.60) | — | — | — | — | — | BER116-ND | 1.57 | 1.41 | 1.26 | 1.12 | K10-25 | | |
| 7 | SIP 模块 | 1.50 (38.10) | .900 (22.86) | .150 (3.81) | 1.20 (30.48) | .450 (11.43) | .075 (1.91) | — | BER136-ND | .48 | .43 | .39 | .34 | Q3-67 | | |
| | | 2.50 (63.50) | 2.00 (50.80) | .344 (8.74) | 1.81 (46.02) | 1.00 (25.40) | .156 (3.96) | — | BER137-ND | .65 | .58 | .52 | .46 | Q3-101 | | |
| 8 | CPU | .63 (16.00) | .63 (16.00) | — | — | — | — | — | BER133-ND | .52 | .47 | .42 | .38 | CPU .63X.63 | | |
| | | 1.375 (34.93) | 1.375 (34.93) | — | — | — | — | — | BER135-ND | .86 | .78 | .70 | .62 | CPU 1.375X1.375 | | |
| | 电桥整流器 | 1.00 (25.40) | 1.00 (25.40) | .187 (4.75) | — | — | — | — | BER142-ND | .46 | .42 | .37 | .33 | Q3-48 | | |
| | | 1.25 (31.75) | 1.25 (31.75) | .200 (5.08) | — | — | — | — | BER144-ND | .49 | .44 | .39 | .35 | Q3-46 | | |
| 9 | TO-220 管装 TO-247 管装 | .433 (11.00) | .985 (25.02) | — | — | — | — | — | BER156-ND | .73 | .66 | .59 | .52 | SPT400-12-11-25 | | |
| | | .532 (13.50) | .985 (25.02) | — | — | — | — | — | BER157-ND | .89 | .80 | .72 | .64 | SPT400-12-13.5-25 | | |
| 10 | TO-5 | .360 (9.14) | .200 (5.08) | .040 (1.02) | — | — | — | — | BER213-ND * | .46 | .41 | .37 | .33 | 7403-09FR-09 | | |
| “Hi-Flow™” 单面粘性垫片 (相变) | | | | | | | | | | | | | | | | |
| 1 | TO-3 | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | BER166-ND | .28 | .25 | .23 | .20 | HF115TAAC-05 | | |
| 3 | TO-220 | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER167-ND | .10 | .09 | .08 | .07 | HF115TAAC-54 | | |
| 3 | TO-220 | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER168-ND | .10 | .09 | .08 | .07 | HF115TAAC-58 | | |
| 3 | TO-218 | .860 (21.84) | .740 (18.80) | .200 (5.08) | .160 (4.06) | — | — | — | BER169-ND | .12 | .10 | .09 | .08 | HF115TAAC-90 | | |
| 5 | SIP | 1.450 (36.83) | .830 (21.08) | .612 (15.54) | .245 (6.22) | .960 (24.38) | .170 (4.32) | .120 (3.05) | BER170-ND | .14 | .13 | .11 | .10 | HF115TAAC-105 | | |
| “SP900” 单面粘性垫片 (低安装压力) | | | | | | | | | | | | | | | | |
| 1 | TO-3 | 1.65 (41.91) | 1.14 (28.96) | .140 (3.56) | .093 (2.36) | 1.187 (30.15) | .430 (10.92) | — | BER181-ND | 1.14 | 1.03 | .92 | .81 | SP900EAAC-05 | | |
| 3 | TO-220 | .750 (19.05) | .500 (12.70) | .187 (4.75) | .147 (3.73) | — | — | — | BER182-ND | .74 | .67 | .60 | .53 | SP900EAAC-54 | | |
| 3 | TO-220 | .750 (19.05) | .500 (12.70) | .187 (4.75) | .125 (3.18) | — | — | — | BER183-ND | .74 | .67 | .60 | .53 | SP900EAAC-58 | | |
| “Gap Pad™ 1500” 空隙填充导热材料 | | | | | | | | | | | | | | | | |
| 说明 | | | | | | | | | Digi-Key 零件编号 | 单价 | | | | Bergquist 零件编号 | | |
| “Bond Ply™ 100” 双面散热胶垫 | | | | | | | | | | | | | | | | |
| 双面胶导热垫, 0.005" (.127) 厚, 11" x 12" (27.94 x 30.48cm) 方片..... | | | | | | | | | BER246-ND | 41.44 | 36.98 | 33.15 | 29.33 | BOND PLY 105 11x12" | | |
| 双面胶导热垫, 0.008" (.203) 厚, 10" (25.4cm) 方片..... | | | | | | | | | BER159-ND | 50.99 | 45.51 | 40.80 | 36.09 | BOND PLY 108 10x10" | | |
| 双面胶导热垫, 0.011" (.279) 厚, 10" (25.4cm) 方片..... | | | | | | | | | BER160-ND | 63.77 | 56.90 | 51.02 | 45.13 | BOND PLY 111 10x10" | | |
| “Gap Pad™ 1500” 空隙填充导热材料 | | | | | | | | | | | | | | | | |
| 高导热垫, 0.020" (.508) 厚, 4" (10.16cm) 方片..... | | | | | | | | | BER161-ND | 9.98 | 8.91 | 7.99 | 7.07 | .020 GP 1500 4" X 4" | | |
| 高导热垫, 0.040" (1.02) 厚, 4" (10.16cm) 方片..... | | | | | | | | | BER162-ND | 14.33 | 12.79 | 11.47 | 10.15 | .040 GP 1500 4" X 4" | | |

* 由 SP400 材料制成。

(转下页)



| 说明 | Digi-Key 零件编号 | 单价 | | | | Bergquist 零件编号 |
|---|---------------|--------|--------|--------|--------|-------------------------|
| | | 1 | 10 | 50 | 100 | |
| 高热导垫, 0.060" (1.52) 厚, 4" (10.16cm) 方片 | BER163-ND | 16.45 | 14.68 | 13.16 | 11.64 | .060 GP 1500 4" X 4" |
| 高热导垫, 0.080" (2.03) 厚, 4" (10.16cm) 方片 | BER164-ND | 19.44 | 17.35 | 15.55 | 13.76 | .080 GP 1500 4" X 4" |
| 高热导垫, 0.125" (3.18) 厚, 4" (10.16cm) 方片 | BER165-ND | 26.39 | 23.55 | 21.12 | 18.68 | .125 GP 1500 4" X 4" |
| 高热导垫, 0.040" (1.02) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER227-ND | 99.03 | 88.37 | 79.23 | 70.09 | .040 GP 1500 8" X 16" |
| 高热导垫, 0.060" (1.52) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER228-ND | 96.85 | 86.42 | 77.48 | 68.54 | .060 GP 1500 8" X 16" |
| 高热导垫, 0.080" (2.03) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER229-ND | 110.92 | 98.98 | 88.74 | 78.50 | .080 GP 1500 8" X 16" |
| 高热导垫, 0.125" (3.18) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER230-ND | 189.31 | 168.93 | 151.45 | 133.98 | .125 GP 1500 8" X 16" |
| "Gap Pad™ 1500R" 空隙填充导热材料 | | | | | | |
| 高热导垫, 0.010" (.254) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER231-ND | 54.21 | 48.38 | 43.37 | 38.37 | GP1500R 10 MIL 8" x 16" |
| 高热导垫, 0.015" (.381) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER232-ND | 66.40 | 59.25 | 53.12 | 46.99 | GP1500R 15 MIL 8" x 16" |
| 高热导垫, 0.020" (.508) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER233-ND | 72.96 | 65.11 | 58.37 | 51.64 | GP1500R 20 MIL 8" x 16" |
| "Gap Pad™ VO 超柔型" 空隙填充导热材料 | | | | | | |
| 高热导垫, 0.020" (.508) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER222-ND | 72.05 | 64.30 | 57.65 | 51.00 | .020 GP US 8" X 16" |
| 高热导垫, 0.040" (1.02) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER223-ND | 90.61 | 80.86 | 72.49 | 64.13 | .040 GP US 8" X 16" |
| 高热导垫, 0.060" (1.52) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER224-ND | 101.66 | 90.72 | 81.33 | 71.95 | .060 GP US 8" X 16" |
| 高热导垫, 0.080" (2.03) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER225-ND | 116.48 | 103.94 | 93.19 | 82.44 | .080 GP US 8" X 16" |
| 高热导垫, 0.125" (3.18) 厚, 8" x 16" (20.32 x 40.64cm) 片 | BER226-ND | 193.38 | 172.55 | 154.70 | 136.85 | .125 GP US 8" X 16" |

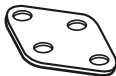
* 由 SP400 材料制成。

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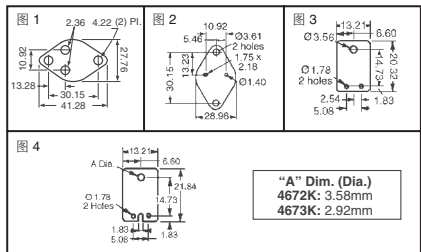
KEYSTONE



用于安装晶体管的 MICA 绝缘材料

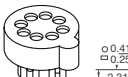


这些精确模刻出的 MICA 绝缘片提供优良的热传导性 (0.009 瓦特/平方英寸 x 摄氏温度 x 英寸厚度)。优良热阻 1100°F (593°C)。在 1000KHz 时, 电介质常数为 7。
技术规格: 0.003" (0.08mm) 厚 MICA±0.001" (±0.03mm)



| 图 | Digi-Key 零件编号 | 10 | 100 | 500 | 1,000 | Keystone 零件编号 |
|---|---------------|------|-------|-------|-------|---------------|
| 1 | 4651K-ND | 1.29 | 11.29 | 38.34 | 51.95 | 4651 |
| 2 | 4662K-ND | 1.40 | 12.15 | 40.23 | 56.86 | 4662 |
| 3 | 4671K-ND | 1.36 | 11.29 | 38.34 | 27.49 | 4671 |
| 4 | 4672K-ND | 1.19 | 11.29 | 38.34 | 21.48 | 4672 |
| 4 | 4673K-ND | 1.19 | 11.29 | 38.34 | 21.28 | 4673 |

MILL-MAX 晶体管插座



镀层:
套管 (引脚): 200μ" 锡/铅 (符合 RoHS 规范要求: 200μ" 锡);
触点 (夹): 30μ" 金

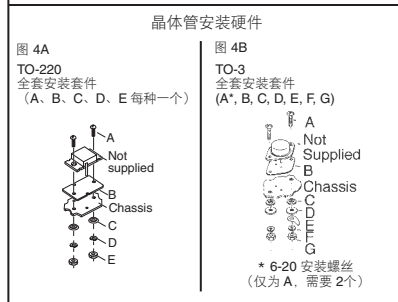
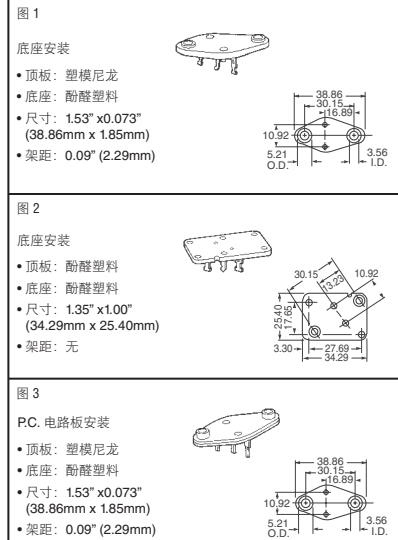
| Digi-Key 引脚数 | 零件编号 | 1 | 10 | 100 | Mill-Max 零件编号 |
|------------------|------------|------|------|------|----------------------|
| TO-5 包装 | | | | | |
| 3 | ED2150-ND | 1.29 | 1.10 | .90 | 917-93-103-41-005000 |
| 3 | ED90273-ND | 1.77 | 1.50 | 1.23 | 917-43-103-41-005000 |
| 4 | ED2151-ND | 1.39 | 1.18 | .97 | 917-93-104-41-005000 |
| 4 | ED90274-ND | 1.87 | 1.59 | 1.30 | 917-43-104-41-005000 |
| 8 | ED2152-ND | 1.80 | 1.53 | 1.25 | 917-93-108-41-005000 |
| 8 | ED90275-ND | 2.30 | 1.95 | 1.60 | 917-43-108-41-005000 |
| TO-100 包装 | | | | | |
| 8 | ED2153-ND | 1.80 | 1.53 | 1.25 | 917-93-208-41-005000 |
| 8 | ED90276-ND | 2.30 | 1.95 | 1.60 | 917-43-208-41-005000 |
| 10 | ED2154-ND | 2.64 | 2.24 | 1.83 | 917-93-210-41-005000 |
| 10 | ED90277-ND | 2.78 | 2.36 | 1.93 | 917-43-210-41-005000 |

◆ 符合 RoHS 规范要求

KEYSTONE



TO-3 功率型晶体管插口



| 图 | Digi-Key 零件编号 | 1 | 10 | 100 | Keystone 零件编号 |
|----|---------------|---------|-----------|------|---------------|
| 1 | 4601K-ND | 2.47 | 2.33 | 2.23 | 4601 |
| 2 | 4606K-ND | 2.11 | 1.98 | 1.73 | 4606 |
| 3 | 4600K-ND | 2.20 | 2.08 | 1.89 | 4600 |
| 4A | 4724K-ND | 2.11 | 1.96 | 1.73 | 4724 |
| 4B | 4725K-ND | 2.11 | 1.96 | 1.73 | 4725 |
| 4B | 4706K-ND* | 2.89/20 | 27.43/200 | 4706 | |

ASAHI RUBBER INC.



散热垫

Asahi Rubber 为散热应用提供了一种优良产品。ART 系列是一种可任意切割的热导硅树脂软胶。

特点:

- 颜色: 灰色
- 尺寸: 11.81" x 8.46" (300mm x 215mm)
- 厚度范围: 0.3 mm 到 2.0 mm
- 工作温度: -60°C ~ 200°C

| 厚度 英尺 (mm) | Digi-Key 零件编号 | 1 | 10 | 50 | Asahi 零件编号 |
|------------|---------------|--------|--------|-------|------------|
| .01 (0.3) | 509-1000-ND | 48.12 | 44.11 | 39.30 | ART03 |
| .02 (0.5) | 509-1001-ND | 53.01 | 48.60 | 43.30 | ART05 |
| .04 (1.0) | 509-1002-ND | 76.59 | 70.21 | 62.55 | ART10 |
| .06 (1.5) | 509-1003-ND | 98.19 | 90.01 | 80.19 | ART15 |
| .08 (2.0) | 509-1004-ND | 120.12 | 110.11 | 98.10 | ART20 |

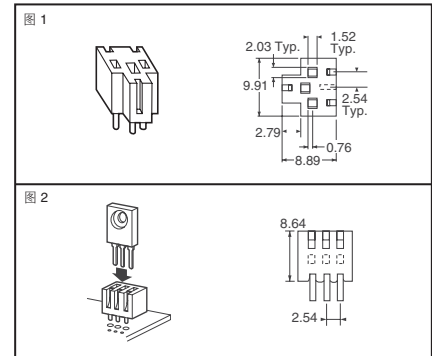
MOLEX TO-220 焊尾晶体管插座



P.C. 电路板安装: 0.100" (2.54mm) 中间。这三个电路晶体管插口已组装好并可随时焊至 P.C. 电路板上。已证实可行的双翼设计消除了由于热膨胀和/或机械公差所造成的电路故障。

插座里晶体管导线的线性运动不会影响接触可靠性。

材料: 镀锡黄铜, 94V-2 级尼龙



| 图 | Digi-Key 零件编号 | 1 | 10 | 100 | Molex 零件编号 |
|---|---------------|------|------|------|------------|
| 1 | WM2550-ND | 1.63 | 1.45 | .97 | 09-48-3031 |
| 2 | WM2551-ND | 2.13 | 1.89 | 1.26 | 10-18-2031 |

全部产品均以美元计价。 免费电话: 10800-1527031 (China Telecom - 中国电讯) — 10800-8527031 (CNCG - 中国网通)