



Fig.	Device Type	Dimensions - Inch (mm)							Digi-Key Part No.	Price Each			Bergquist Part No.	
		A	B	C	D	E	F	G		1	10	50		100
8	CPU	.63 (16.00)	.63 (16.00)	—	—	—	—	—	BER133-ND	.38	.34	.31	.27	CPU 63X.63
		1.375 (34.93)	1.375 (34.93)	—	—	—	—	—	BER135-ND	.62	.56	.51	.45	CPU 1.375X1.375
	Bridge Rect.	1.00 (25.40)	1.00 (25.40)	.187 (4.75)	—	—	—	—	BER142-ND	.33	.30	.27	.24	Q3-48
		1.25 (31.75)	1.25 (31.75)	.200 (5.08)	—	—	—	—	BER144-ND	.36	.32	.29	.26	Q3-46
9	TO-247 Tubes	.433 (11.00)	.985 (25.02)	—	—	—	—	—	BER156-ND	.53	.48	.43	.38	SPT400-12-11-25
		.532 (13.50)	.985 (25.02)	—	—	—	—	—	BER157-ND	.65	.58	.52	.46	SPT400-12-13.5-25
10	TO-5	.360 (9.14)	.200 (5.08)	.040 (1.02)	—	—	—	—	BER213-ND*	.33	.30	.27	.24	7403-09FR-09
"Hi-Flow™" Single Side Adhesive Backed Pads (Phase Change)														
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	.20	.18	.17	.15	HF115TAAAC-05
3	TO-220	.750 (19.05)	.500 (12.70)	.187 (4.75)	.147 (3.73)	—	—	—	BER167-ND	.08	.07	.06	.05	HF115TAAAC-54
3	TO-220	.750 (19.05)	.500 (12.70)	.187 (4.75)	.125 (3.18)	—	—	—	BER168-ND	.08	.07	.06	.05	HF115TAAAC-58
3	TO-218	.860 (21.84)	.740 (18.80)	.200 (5.08)	.160 (4.06)	—	—	—	BER169-ND	.09	.08	.07	.06	HF115TAAAC-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	.11	.10	.09	.08	HF115TAAAC-105
"SP900" Single Side Adhesive Backed Pads (Low Mounting Pressure)														
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	.83	.75	.67	.59	SP900EAAAC-05
3	TO-220	.750 (19.05)	.500 (12.70)	.187 (4.75)	.147 (3.73)	—	—	—	BER182-ND	.54	.49	.44	.39	SP900EAAAC-54
3	TO-220	.750 (19.05)	.500 (12.70)	.187 (4.75)	.125 (3.18)	—	—	—	BER183-ND	.54	.49	.44	.39	SP900EAAAC-58
"Bond Ply™ 100" Double Sided Thermal Tape														
Double Sided Adhesive Thermal Pad, .005" (.127) Thick, 11" x 12" (27.94 x 30.48cm) Square Sheet									BER246-ND	30.09	26.85	24.07	21.29	BOND PLY 105 11x12"
Double Sided Adhesive Thermal Pad, .008" (.203) Thick, 10" (25.4cm) Square Sheet									BER159-ND	37.02	33.04	29.62	26.20	BOND PLY 108 10x10"
Double Sided Adhesive Thermal Pad, .011" (.279) Thick, 10" (25.4cm) Square Sheet									BER160-ND	46.30	41.31	37.04	32.77	BOND PLY 111 10x10"
"Gap Pad™ 1500" Thermal Gap Filling Material														
High Thermally Conductive Pad, .020" (.508) Thick, 4" (10.16cm) Square Sheet									BER161-ND	7.25	6.47	5.80	5.13	.020 GP 1500 4" x 4"
High Thermally Conductive Pad, .040" (1.02) Thick, 4" (10.16cm) Square Sheet									BER162-ND	10.40	9.29	8.33	7.37	.040 GP 1500 4" x 4"
High Thermally Conductive Pad, .060" (1.52) Thick, 4" (10.16cm) Square Sheet									BER163-ND	11.94	10.66	9.56	8.45	.060 GP 1500 4" x 4"
High Thermally Conductive Pad, .080" (2.03) Thick, 4" (10.16cm) Square Sheet									BER164-ND	14.11	12.59	11.29	9.99	.080 GP 1500 4" x 4"
High Thermally Conductive Pad, .125" (3.18) Thick, 4" (10.16cm) Square Sheet									BER165-ND	19.16	17.10	15.33	13.56	.125 GP 1500 4" x 4"
High Thermally Conductive Pad, .040" (1.02) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER227-ND	71.90	64.16	57.52	50.88	.040 GP 1500 8" x 16"
High Thermally Conductive Pad, .060" (1.52) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER228-ND	70.31	62.75	56.26	49.76	.060 GP 1500 8" x 16"
High Thermally Conductive Pad, .080" (2.03) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER229-ND	80.53	71.86	64.43	57.00	.080 GP 1500 8" x 16"
High Thermally Conductive Pad, .125" (3.18) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER230-ND	137.44	122.64	109.96	97.27	.125 GP 1500 8" x 16"
"Gap Pad™ 1500R" Thermal Gap Filling Material														
High Thermally Conductive Pad, .010" (.254) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER231-ND	39.36	35.12	31.49	27.86	GP1500R 10 MIL 8" x 16"
High Thermally Conductive Pad, .015" (.381) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER232-ND	48.21	43.02	38.57	34.12	GP1500R 15 MIL 8" x 16"
High Thermally Conductive Pad, .020" (.508) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER233-ND	52.97	47.27	42.38	37.49	GP1500R 20 MIL 8" x 16"
"Gap Pad™ VO Ultra Soft" Thermal Gap Filling Material														
High Thermally Conductive Pad, .020" (.508) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER222-ND	52.31	46.68	41.85	37.02	.020 GP US 8" x 16"
High Thermally Conductive Pad, .040" (1.02) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER223-ND	65.78	58.70	52.63	46.56	.040 GP US 8" x 16"
High Thermally Conductive Pad, .060" (1.52) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER224-ND	73.81	65.86	59.05	52.24	.060 GP US 8" x 16"
High Thermally Conductive Pad, .080" (2.03) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER225-ND	84.56	75.46	67.66	59.55	.080 GP US 8" x 16"
High Thermally Conductive Pad, .125" (3.18) Thick, 8" x 16" (20.32 x 40.64cm) Sheet									BER226-ND	140.39	125.28	112.32	99.36	.125 GP US 8" x 16"

* Made of SP400 material

C

KEYSTONE



MICA Insulators for Transistor Mounting

These precision stamped MICA insulators provide good thermal conductivity (.009 watts per square inch per °C per inch in thickness). Excellent thermal resistance 1100°F (593°C). Dielectric constant of 7 at 1000KHz. Specifications: .003" (.08mm) thick MICA ± .001" (± .003mm)

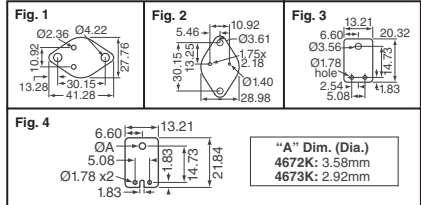


Fig.	Digi-Key Part No.	10	100	500	1,000	Keystone Part No.
1	4651K-ND	.94	8.20	27.83	37.72	4651
2	4662K-ND	1.02	8.82	29.21	41.28	4662
3	4671K-ND	.99	8.20	27.83	19.96	4671
4	4672K-ND	.86	8.20	27.83	15.45	4672
4	4673K-ND	.86	8.20	27.83	15.45	4673

KEYSTONE



TO-3 Power Transistor Sockets

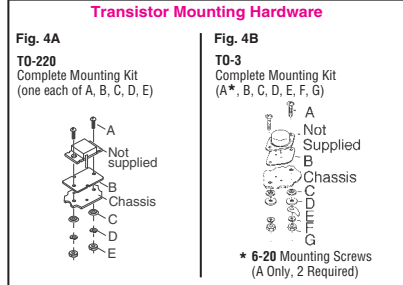
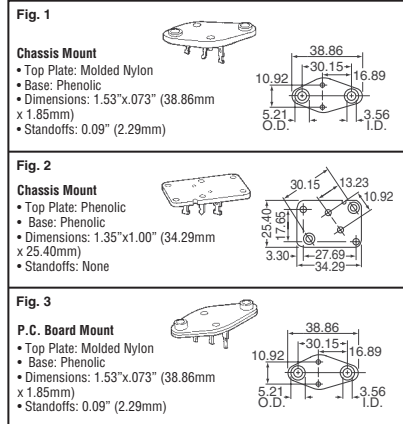


Fig.	Digi-Key Part No.	1	10	100	Keystone Part No.
1	4601K-ND	1.79	1.69	1.62	4601
2	4606K-ND	1.53	1.44	1.26	4606
3	4600K-ND	1.60	1.51	1.37	4600
4A	4724K-ND	1.53	1.42	1.26	4724
4B	4725K-ND	1.53	1.42	1.26	4725
4B	4706K-ND*	2.10/20	19.91/200		4706

ASAHI RUBBER INC.



Heat Sink Pads

Asahi Rubber offers an excellent product for applications requiring a thermal solution. The ART Series is a thermally conductive silicone gel that can be cut as required.

Features:
 • Color: Gray • Dimensions: 11.81" x 8.46" (300mm x 215mm) • Thickness range: 0.3 mm to 2.0 mm • Operating Temperature Range: -60°C - 200°C

Thickness Inch (mm)	Digi-Key Part No.	1	10	50	Asahi Part No.
.01 (0.3)	509-1000-ND	34.94	32.03	28.54	ART03
.02 (0.5)	509-1001-ND	38.49	35.28	31.43	ART05
.04 (1.0)	509-1002-ND	55.60	50.98	45.42	ART10
.06 (1.5)	509-1003-ND	71.29	65.35	58.22	ART15
.08 (2.0)	509-1004-ND	87.21	79.94	71.22	ART20

molex



TO-220 Solder Tail Transistor Sockets

P.C. Board Mount: .100" (2.54mm) center. These three circuit transistor sockets are preassembled and ready for soldering to a P.C. Board. The proven double cantilever design eliminates circuit failure due to thermal expansion and/or mechanical tolerances.

Linear movement of the transistor leads in the socket does not affect contact reliability.

Material: Tin-Plated Brass, 94V-2 Rated Nylon

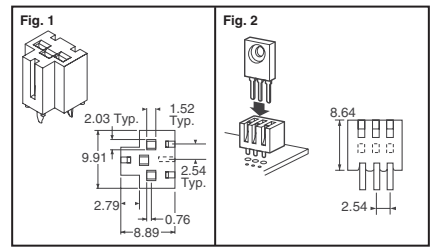
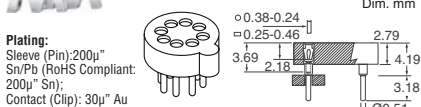


Fig.	Digi-Key Part No.	1	10	100	Molex Part No.
1	WM2550-ND	.71	.68	.62	09-48-3031
2	WM2551-ND	.90	.85	.77	10-18-2031

MILL-MAX Transistor Sockets



No. of Pins	Digi-Key Part No.	Price Each	1	10	100	Mill-Max Part No.
TO-5 Package						
3	ED2150-ND	.94	.80	.65	.59	917-93-103-41-005000
3	ED90273-ND	1.29	1.09	.90	.71	917-43-103-41-005000
4	ED2151-ND	1.01	.86	.71	.59	917-93-104-41-005000
4	ED90274-ND	1.36	1.15	.95	.71	917-43-104-41-005000
8	ED2152-ND	1.31	1.11	.91	.71	917-93-108-41-005000
8	ED90275-ND	1.67	1.42	1.16	.91	917-43-108-41-005000
TO-100 Package						
8	ED2153-ND	1.31	1.11	.91	.71	917-93-208-41-005000
8	ED90276-ND	1.67	1.42	1.16	.91	917-43-208-41-005000
10	ED2154-ND	1.92	1.63	1.33	1.16	917-93-210-41-005000
10	ED90277-ND	2.02	1.71	1.40	1.16	917-43-210-41-005000

• RoHS Compliant

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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