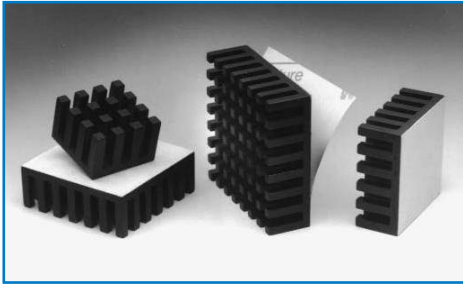




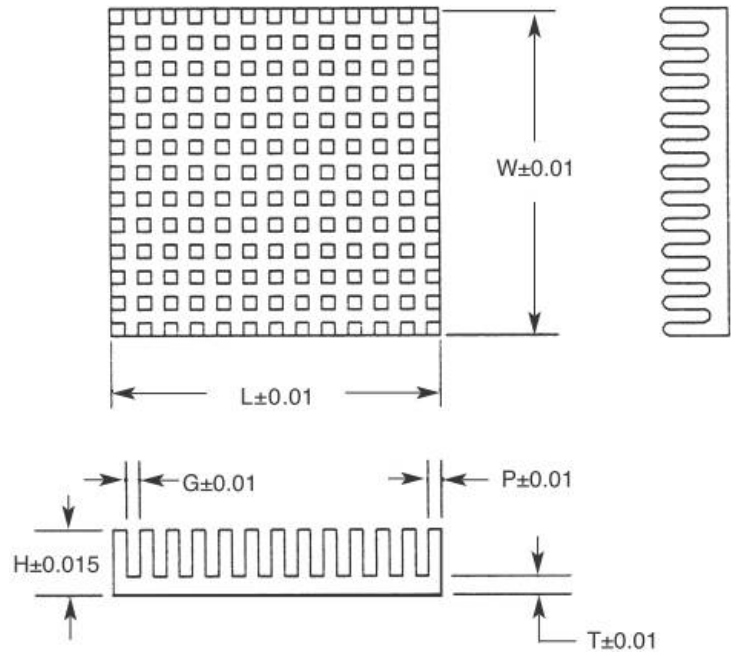
**THE DATASHEET OF
BDN10-3CB/A01**



ADHESIVE PEEL AND STICK HEAT SINKS



- With pre-applied adhesive, just peel off the release liner and press onto the component
- Reduces assembly costs; no more messy adhesives or greases required
- Excellent mechanical bond
- Thermally optimized pin fin
- Omnidirectional
- Adhesive shear strength at 100°C is 36psi (a one inch square heat sink would require a 36lb. force to remove heat sink)
- Applicable for BGA, PGA, PLCC, and QFP packages



| PART NUMBER*** | SIZE | | | | PIN FIN CONFIGURATION | | | THERMAL RESISTANCE CASE TO AMBIENT* °C/WATTS | |
|----------------|------|------|------|-----|-----------------------|------|------------|--|------------------------------|
| | (W) | (L) | (H) | T | P | G | FIN MATRIX | NATURAL CONVECTION** | FORCED CONVECTION @ 400 LFPM |
| BDN09-3CB/A01 | 0.91 | 0.91 | .355 | .09 | .069 | .072 | 7x7 | 26.9 | 9.6 |
| BDN09-6CB/A01 | | | .605 | .10 | .132 | .128 | 4x4 | 24.5 | 7.7 |
| BDN10-3CB/A01 | 1.01 | 1.01 | .355 | .09 | .083 | .072 | 7x7 | 26.4 | 8.0 |
| BDN10-5CB/A01 | | | .555 | .10 | .111 | .114 | 5x5 | 20.8 | 6.3 |
| BDN11-3CB/A01 | 1.11 | 1.11 | .355 | .09 | .076 | .072 | 8x8 | 20.9 | 7.2 |
| BDN11-6CB/A01 | | | .605 | .10 | .119 | .128 | 5x5 | 18.5 | 5.7 |
| BDN12-3CB/A01 | 1.21 | 1.21 | .355 | .09 | .060 | .081 | 9x9 | 19.6 | 6.8 |
| BDN12-5CB/A01 | | | .555 | .10 | .105 | .114 | 6x6 | 16.5 | 5.2 |
| BDN13-3CB/A01 | 1.31 | 1.31 | .355 | .09 | .074 | .081 | 9x9 | 16.1 | 6.0 |
| BDN13-5CB/A01 | | | .555 | .10 | .125 | .114 | 6x6 | 14.9 | 4.7 |
| BDN14-3CB/A01 | 1.41 | 1.41 | .355 | .09 | .067 | .081 | 10x10 | 16.2 | 5.6 |
| BDN14-6CB/A01 | | | .605 | .10 | .128 | .128 | 6x6 | 13.1 | 4.2 |
| BDN15-3CB/A01 | 1.51 | 1.51 | .355 | .09 | .062 | .081 | 11x11 | 15.1 | 4.5 |
| BDN15-5CB/A01 | | | .555 | .10 | .118 | .114 | 7x7 | 11.9 | 3.8 |
| BDN16-3CB/A01 | 1.61 | 1.61 | .355 | .09 | .072 | .081 | 11x11 | 13.5 | 4.5 |
| BDN16-6CB/A01 | | | .605 | .10 | .119 | .128 | 7x7 | 10.6 | 3.5 |
| BDN17-3CB/A01 | 1.71 | 1.71 | .355 | .09 | .065 | .072 | 13x13 | 11.5 | 3.8 |
| BDN18-3CB/A01 | 1.81 | 1.81 | .355 | .09 | .072 | .072 | 13x13 | 10.8 | 3.5 |
| BDN18-6CB/A01 | | | .605 | .10 | .128 | .114 | 8x8 | 8.1 | 2.8 |
| BDN19-3CB/A01 | 1.91 | 1.91 | .355 | .09 | .069 | .072 | 14x14 | 9.9 | 2.9 |
| BDN21-3CB/A01 | 2.11 | 2.11 | .355 | .09 | .064 | .072 | 16x16 | 8.5 | 2.6 |

NOTES:

* Thermal resistance of adhesive tape is included.

** Thermal resistance values based on power density of 3 watts/in²

*** Part numbers listed for standard black anodized heat sinks with CTS adhesive tapes.

All dimensions are in inches.

Looking for pricing, stock, or lifecycle information?

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- [⊖ CTS Thermal Management Products Information](#)

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management