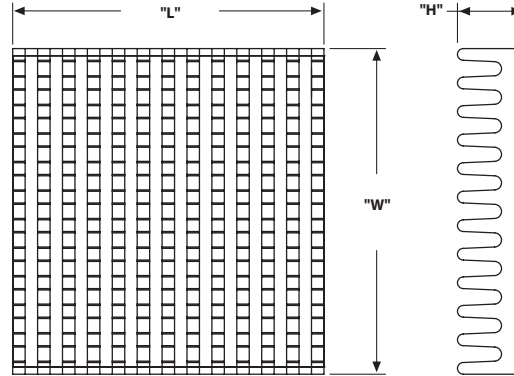
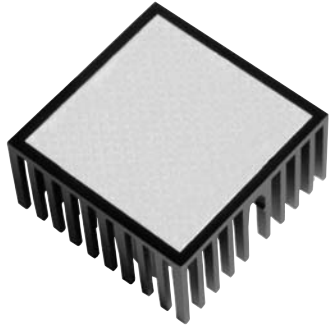


# BGA-Tape Attachment

## Heat sinks for plastic BGA packages



Pressure sensitive, thermally conductive adhesive tape easily and reliably bonds a heat sink to an integrated circuit package. Tapes provide high thermal conductivity and exceptional bonding properties. Adhesives are formulated for plastic and metal/ceramic packages.

Material: Aluminum

### ORDERING INFORMATION

IC Pkg. Size (mm)	IC Pkg. Style	Part Number	"W" (mm)	"L" (mm)	"H" (mm)	$\theta_{n^2}$	$\theta_{f^3}$	Finish	Tape code <sup>1</sup>
10 x 10	Plastic	375324B00035G	10.20	10.20	10.20	71.40	21.20	Black anodize	35
15 x 15	Plastic	375424B00034G	15.20	15.20	6.40	62.50	17.60	Black anodize	34
23 x 23	Plastic	374024B00035G	23.00	23.00	10.00	40.00	11.69	Black anodize	35
23 x 23	Plastic	374124B00035G	23.00	23.00	18.00	23.40	7.39	Black anodize	35
23 x 23	Plastic	374224B00035G	23.00	23.00	25.00	19.70	6.370	Black anodize	35
25 x 25	Plastic	335224B00034G	25.00	25.00	9.90	34.00	10.39	Black anodize	34
27 x 27	Plastic	374324B00035G	27.00	27.00	10.00	30.60	9.35	Black anodize	35
27 x 27	Plastic	374424B00035G	27.00	27.00	18.00	20.30	6.46	Black anodize	35
27 x 27	Plastic	374524B00035G	27.00	27.00	25.00	16.50	5.47	Black anodize	35
28 x 28	Plastic	373024B00034G	27.90	27.90	8.90	33.30	10.00	Black anodize	34
28 x 28	Plastic	2327B-CP50G	27.90	28.10	15.20	23.40	7.43	Black anodize	34
31 x 31	Plastic	335824B00034G	30.00	30.00	9.40	29.40	9.11	Black anodize	34
35 x 35	Plastic	371824B00034G	35.00	35.00	7.00	31.90	9.67	Black anodize	34
35 x 35	Plastic	374624B00035G	35.00	35.00	10.00	23.40	7.55	Black anodize	35
35 x 35	Plastic	374724B00035G	35.00	35.00	18.00	15.30	5.15	Black anodize	35
35 x 35	Plastic	374824B00035G	35.00	35.00	25.00	12.00	4.27	Black anodize	35
35 x 35	Plastic	372024B00034G	35.00	35.00	27.90	11.90	4.28	Black anodize	34
40 x 40	Plastic	374924B00035G	40.00	40.00	10.00	20.30	6.46	Black anodize	35
40 x 40	Plastic	364424B00034G	40.10	40.00	11.40	18.40	6.02	Black anodize	34
40 x 40	Plastic	375024B00035G	40.00	40.00	18.00	12.20	4.34	Black anodize	35
40 x 40	Plastic	375124B00035G	40.00	40.00	25.00	10.30	3.83	Black anodize	35

1. For tape specifications see page 88
2. Natural convection thermal resistance based on a 75° C heat sink temperature rise.
3. Forced convection thermal resistance based on an entering 1.0 m/s (200LFM) airflow.