



All Filler Pads / Comparison

A ceramic heat sink not only adapts to these two factors but also eases the design and applies a cooling structure of electronic products.

The entirely new material structure of a ceramic heat sink moves heat by air circulation (without external force) through the embedded radiation microporous ceramic material such that the accompanying IC components can operate continuously in a given temperature environment.

A ceramic heat sink is non-electrical conductive, humidity and dust proof by its special material nature. With a long life span and simple assembly process (simply paste it to the surface of any IC component) a ceramic heat sink saves not only assembly time but also material and labour costs.

Ceramic heat sinks are now adopted by IC of power under 10W while specially designed ones are also available for high-watt ICs. They are both ROHS and REACH compliant green material.

Dimensional Data:

A Series Filler Pads									
Part Number	Thermal Cond. W/m-K	Hardness	Temperature Range (°C)	Thickness (mm)	Available with PSA	Fibreglass	Colour	Notes	
ATS042	2.65	20 Shore A	-60 ~ 150	5.0	Yes	No	Grey		
ATS049	2.80	65 Shore A	-60 ~ 180	0.25	Yes	No	Black	Available with adhesive tape on 1 or 2 sides.	
ATS050	5.00	20 Shore A	-60 ~ 150	0.3 ~ 18	Yes	No	Grey		

C Series Filler Pads									
Part Number	Thermal Cond. W/m-K	Hardness	Temperature Range (°C)	Thickness (mm)	Available with PSA	Fibreglass	Colour	Notes	
CHM250	2.40	92 Shore A	-40 ~ 130	0.2 ~ 2.0	No	-	Black	EMI Absorbing Non Silicone	
CM100	1.00	45 Shore A	-60 ~ 200	0.5 ~ 2.0	No	No	Blue	-	
CM200	2.00	54 Shore A	-60 ~ 200	0.5 ~ 2.0	No	No	Red	-	
CM300	3.00	79 Shore A	-60 ~ 200	0.5 ~ 2.0	No	No	Yellow	-	
CSM150	1.50	55 Shore 00	-60 ~ 200	0.5 ~ 2.0	No	-	Black	EMI Absorbing	
CT100	1.00	55 Shore 00	-60 ~ 200	0.5 ~ 5.0	No	No	Black	-	
CT150	1.50	55 Shore 00	-60 ~ 200	0.5 ~ 5.0	No	No	Grey	-	
CT200	2.00	55 Shore 00	-60 ~ 200	0.5 ~ 5.0	No	No	Grey	-	
CT300	3.00	55 Shore 00	-60 ~ 200	0.5 ~ 5.0	No	No	Grey	-	

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G Series Filler Pads

Part Number	Thermal Cond. W/m-K	Hardness	Temperature Range (°C)	Thickness (mm)	Available with PSA	Fibreglass	Colour	Notes
G1OH18	1.80	30 Shore 00	-40 ~ 150	1.0~5.0	No	No	White	
G2OH35	3.50	48 Shore 00	-40 ~ 120	1.0~5.0	No	No	Red	
G4LH65	6.50	55 Shore 00	-40 ~ 150	1.0~5.0	No	No	Grey	Low Siloxane Out Gasing
G4OH65	6.50	57 Shore 00	-40 ~ 200	1.0~5.0	No	No	Grey	
G6OH18	1.80	55 Shore 00	-40 ~ 150	1.0~5.0	No	No	Blue	

K Series Filler Pads

Part Number	Thermal Cond. W/m-K	Hardness	Temperature Range (°C)	Thickness (mm)	Available with PSA	Fibreglass	Colour	Notes
KT100	1.00	10 Shore 00	-60 ~ 200	0.5 ~ 5.0	Yes		Pink / Yellow	
KT200	2.00	30 Shore 00	-60 ~ 200	0.5 ~ 5.0	Yes		White / Red	
KT80	1.8	85 Shore A	-40 ~ 125	0.150	Yes		Light Blue	
KT90	6.0	70 Shore A	-40 ~ 125	0.200	Yes		Blue	

T Series Filler Pads

Part Number	Thermal Cond. W/m-K	Hardness	Temperature Range (°C)	Thickness (mm)	Available with PSA	Fibreglass	Colour	Notes
TIM-40	1.55	40 Shore 00	-40 ~ 150	0.3 ~ 10	-	-	-	

W Series Filler Pads

Part Number	Thermal Cond. W/m-K	Hardness	Temperature Range (°C)	Thickness (mm)	Available with PSA	Fibreglass	Colour	Notes
W10TR600A	6.00	80 Shore 00	-40 ~ 200	0.3 ~ 15	Yes	-	Grey	
W2TR090B	0.9	85 Shore A	-60 ~ 180	0.23/0.3/0.45	Yes	Inside	Grey	
W2TR130A	1.30	80 Shore A	-60 ~ 180	0.25	Yes	Inside	Pink	
W6TR100YA	1.00	20 Shore 00	-40 ~ 200	0.5 ~ 4.0	No	-	Yellow	
W6TR150S	1.50	50 Shore 00	-40 ~ 200	0.5 ~ 8.0	Yes	-	Grey	
W6TR170YS	1.70	72/44 Shore 00	-40 ~ 200	0.3 ~ 18	Yes	-	Yellow	
W6TR180A	1.80	80 Shore 00	-40 ~ 200	0.3 ~ 18	Yes	-	Pink	
W6TR315G	3.15	15 Shore 00	-40 ~ 200	0.8 ~ 8.0	No	1 Side	Grey	
W8TR170D	1.70	70 Shore 00	-40 ~ 200	0.3 ~ 18	Yes	-	Black	
W8TR250B	2.50	60 Shore 00	-40 ~ 200	0.8 ~ 15.0	Yes	-	Grey	
W8TR280B	2.80	60 Shore 00	-40 ~ 200	0.3 ~ 18	Yes	-	Grey	
W8TR500G	5.00	65 Shore 00	-40 ~ 200	0.3 ~ 18	Yes	Yes	Grey	

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