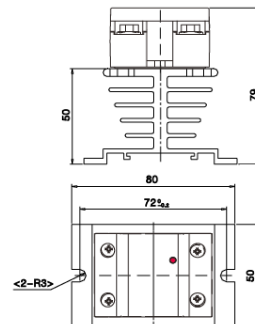
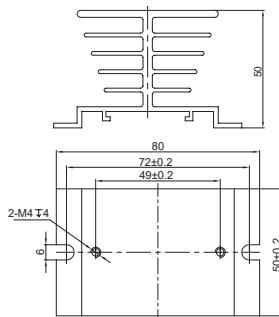


Recommended heat sinks

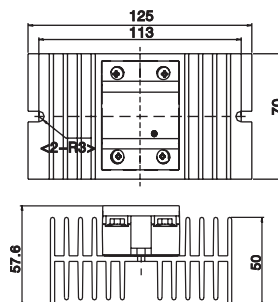
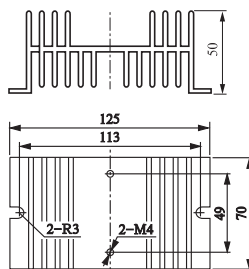
Table 1

SSR Series	SRA1*-10*-*	SRA1*-25*-*	SRA1*-60*-*	SRA1*-80*-*
	SRA1*-15*-*	SRA1*-30*-*		
	SRA1*-20*-*	SRA1*-40*-*		
Current Rating	<20A	<40A	<60A	<80A
Heat Sink	DHS01	DHS02	DHS03	DHS04
Heat Sink Rating °C/W	2.19	1.49	1.35	1.07

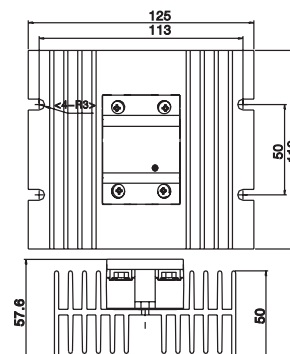
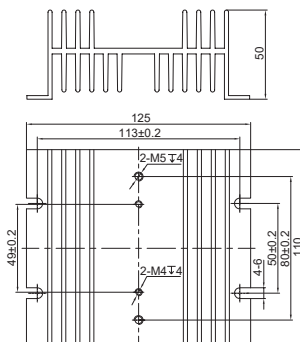
DHS01



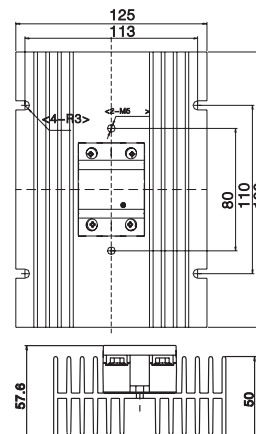
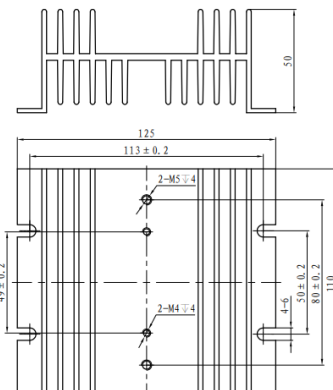
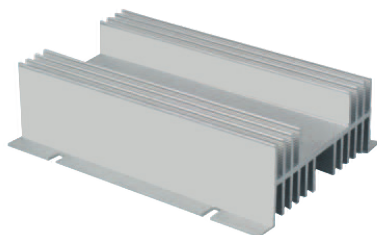
DHS02



DHS03



DHS04

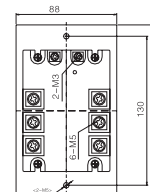
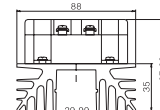
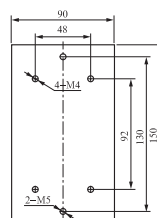
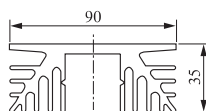


Recommended heat sinks

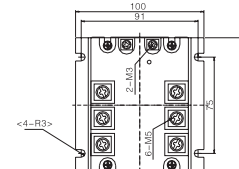
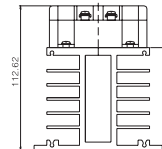
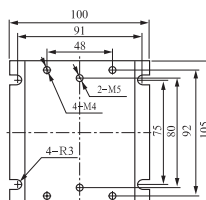
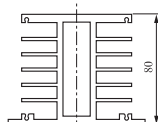
Table 1

SSR Series	SRA3*-10*-*	SRA3*-25*-*	SRA3*-40*-*	SRA3*-60*-*
	SRA3*-20*-*	SRA3*-30*-*		SRA3*-80*-*
Current Rating	≤ 20A	≤ 40A	≤ 40A	≤ 80A
Heat Sink	DHS05	DHS06	DHS07	DHS08 (or DHS09)
Heat Sink Rating °C/W	0.93	0.65	0.48	0.44 (0.39)

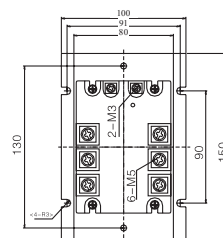
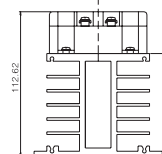
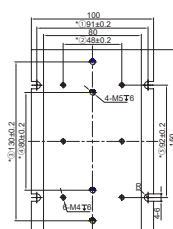
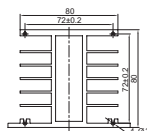
DHS05



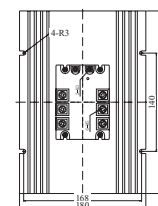
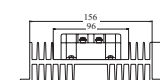
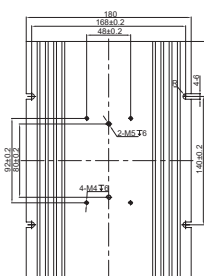
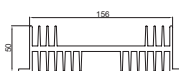
DHS06



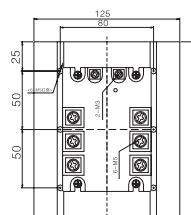
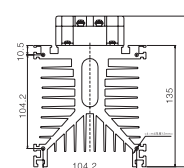
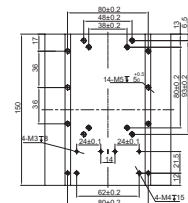
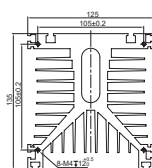
DHS07

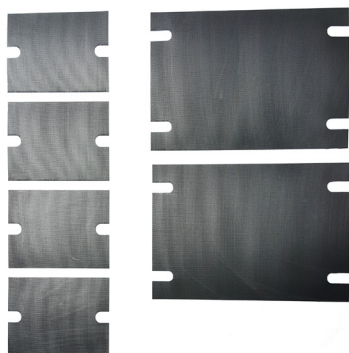


DHS08



DHS09





- Easy to use.
- Designed for use with Durakool SSRs.
- Clean alternative to thermal grease.
- Eliminates contamination concerns.
- Creates air-free interface.
- Fibreglass re-inforced for strength.
- RoHS Compliant

When clamped between the heat sink and the solid-state relay, the heat transfer pad conforms to the surface textures creating an air free interface between the heat generating SSR and the heat sink.

General data	
Color	Dark Grey/Black
Thickness	0.005" / 0.127mm
Adhesive	One side, pressure sensitive
Thermal Impedance	0.48°C in <sup>2</sup> /W @ 50psi <sup>1</sup>
Dielectric Breakdown	Non-insulating
Volume Resistivity	10 <sup>2</sup> Ohm
Operating Temperature Range	-60°C to 180°C / -76°F to 356°F
Suggested Clamping Pressure	10 to 200psi

<sup>1</sup> Actual application performance will depend upon surface roughness, flatness and pressure applied.

Installation: Ensure that both mating surfaces are clean, dust and grease free. Carefully remove protective backing from the thermal pad and apply pad to the base of the solid-state relay. Ensure that any air bubbles are eliminated and that there are no bumps or ridges. Ensure there are no dust or dirt particules on the heat sink and apply solid-state relay, with the pad, to the heat sink and bolt down firmly.

NB: Failure to remove the backing will compromise the performance and may cause the SSR to fail.

