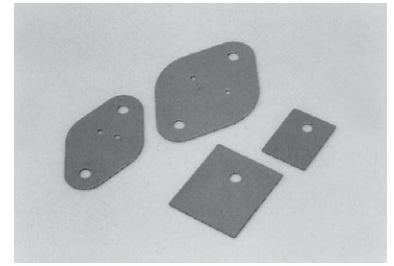


Heat dissipation sheet

**CW series** (100sheets/pack)

- High thermal conductivity can be obtained just by fitting this product under a power transistor.
- It is not necessary to use grease together, unlike a mica plate.
- The thermal conductivity of this product is approximately seven times greater than that of conventional silicone rubber.
- Material: SARCON<sup>®</sup> TR (UL94V-0)
- Operating temperature range: - 60 to + 180°C



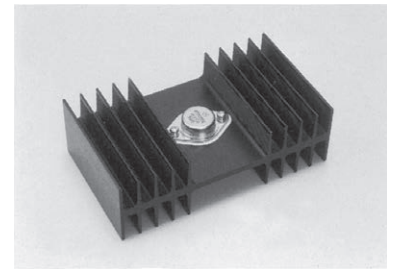
■ Typical properties of the product

Appearance	Greenish gray	
Thickness (mm)	0.30 <sup>+0.10</sup> / <sub>0</sub>	
Hardness (JIS A)	75	
Tensile strength (kN/m)	1.7	
Elongation (%)	100	
Tear strength (kN)	0.3B	
Volume resistivity (Ω · cm)	1.2 × 10 <sup>15</sup>	
Dielectric breakdown strength (kV,AC)	10	
Withstand voltage (kV,AC)	7	
Dielectric constant	50Hz	4.4
	10 <sup>3</sup> Hz	4.4
	10 <sup>6</sup> Hz	4.4
Dielectric loss tangent	50Hz	0.004
	10 <sup>3</sup> Hz	0.002
	10 <sup>6</sup> Hz	0.003
Combustibility (UL94)	V-0	

■ Table of comparison for thermal conductivity

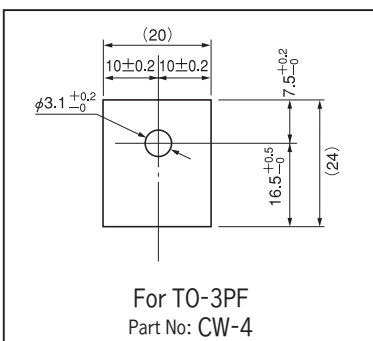
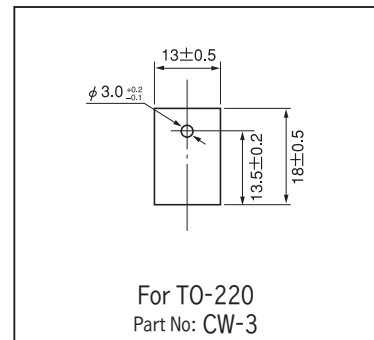
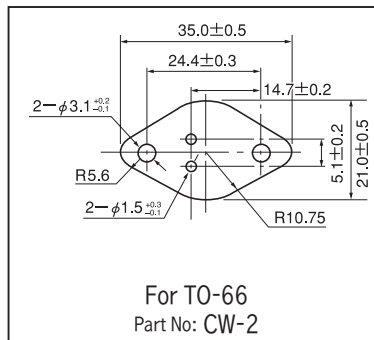
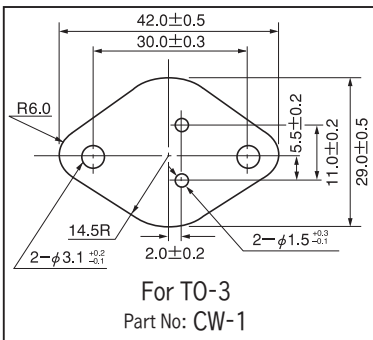
Material name	Thermal conductivity (X10 <sup>-4</sup> cal/cm·sec·°C)
SARCON TR	29.0
Mica	14.0
Polyethylene	6.0
Polyether	3.4
Polystyrene	0.2
Common silicon rubber	3.7 to 5.4

■ Example of usage



- SARCON is the registered trade mark of FUJI POLYMER INDUSTRIES CO., LTD.

■ Part No. (100sheets/pack)



Free size

**CW-200** (10sheets/pack)

■ Part No. CW-200 (10sheets/pack)

Please use by cutting to the desired size.

