SC-08 / ST-08

Thermally Conductive Silicone Caps & Tubes

Thermally conductive silicone caps & tubes are available for the standard sized transistors such as TO-220, TO-247 (or 3P) & TO-264. Custom sizes are also available on request. The thermal conductive for these products is 0.8w/m-k. These products are good for general & cost sensitive applications.



Mechanical Dimensions

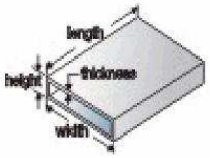
Standard Silicone Tubes	Dia.	Length (S/R)	Thickness
ST-08-220S/R-A	11.0	20.0/25.0	0.45
ST-08-247S/R-A	13.5	25.0/30.0	0.45
ST-08-264S/R-A	17.0	30.0/35.0	0.45

Non - Standard Silicone Tubes	Dia.	Length	Thickness
ST-08-DDDLLL-A	DDD	LLL	0.45

- DDD: 110/135/170 for 11.0, 13.5 & 17.0 mm diameter.
- LLL: Length in mm with 3 digit. For example, 30 mm is 030.



Silicone Cap	Width	Length (S/R)	Height	Thickness
SC-08-220S/R-A	13.0	18.0/24.0	6.0	0.45
SC-08-247S/R-A	18.0	22.0/28.0	6.0	0.45
SC-08-264S-A	22.0	28.0	6.0	0.45
SC-08-264R-A	20.0	32.0	6.0	0.45



Note:

1. SC & ST: SC is for Silicone Caps and ST for Silicone Tubes.
2. S / R: S is short & R is for regular length.
3. Tolerance: Wall Thickness: +0.1/-0.05, Diameter: +/- 1.0mm, Dimension: +/- 1.0mm

Technical Specification

Description		Test Method
Color	Grey	Visual
Breakdown voltage, Volts a-c Min	5,000	ASTM D 149
Thermal Conductivity (w/m-k)	0.8	ASTM D 5470
Flammability	UL-94 V0	

SC-13 / ST-13

Thermally Conductive Silicone Caps & Tubes

Thermally conductive silicone caps & tubes are available for the standard sized transistors such as TO-220, TO-247 (or 3P) & TO-264. Custom sizes are also available on request. The thermal conductive for these products is 1.3w/m-k. These products are good for general & cost sensitive applications.



Mechanical Dimensions

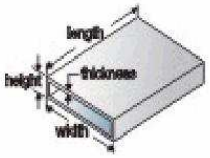
Standard Silicone Tubes	Dia.	Length (S/R)	Thickness
ST-13-220S/R-A	11.0	20.0/25.0	0.45
ST-13-247S/R-A	13.5	25.0/30.0	0.45
ST-13-264S/R-A	17.0	30.0/35.0	0.45

Non - Standard Silicone Tubes	Dia.	Length	Thickness
ST-13-DDDLLL-A	DDD	LLL	0.45

- DDD: 110/135/170 for 11.0, 13.5 & 17.0 mm diameter.
- LLL: Length in mm with 3 digit. For example, 30 mm is 030.



Silicone Cap	Width	Length (S/R)	Height	Thickness
SC-13-220S/R-A	12.0	18.0/24.0	6.0	0.45
SC-13-247S/R-A	18.0	22.0/28.0	6.0	0.45
SC-13-264S-A	22.0	28.0	6.0	0.45
SC-13-264R-A	20.0	32.0	6.0	0.45



Note:

1. SC & ST: SC is for Silicone Caps and ST for Silicone Tubes.
2. S / R: S is short & R is for regular length.
3. Tolerance: Wall Thickness: +0.1/-0.05, Diameter: +/- 1.0mm, Dimension: +/- 1.0mm

Technical Specification

Description		Test Method
Color	Light Grey	Visual
Breakdown voltage, Volts a-c Min	5,000	ASTM D 149
Thermal Conductivity (w/m-k)	1.3	ASTM D 5470
Flammability	UL-94 V0	