



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# PTC THERMISTORS: TYPE PTH

## SELF-REGULATING HEATER

### DESCRIPTION:

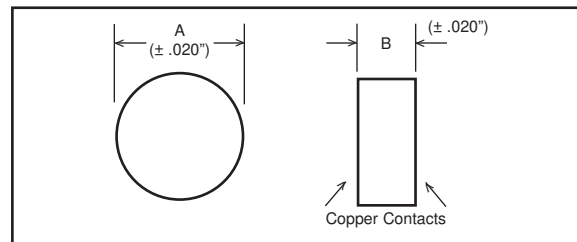
PTC disc thermistor for heating elements and thermostat

### FEATURES:

- Low cost thermistor disc for heating applications: contact lens cleaner kits, medical equipment, in-line diesel fuel heaters, LCD heaters, temperature stabilization of electronic components
- Suitable for clamp contacting or soldering
- Thermistor element acts as both heater and thermostat
- Available in a broad range of resistances and transition temperatures
- Available with alternative configurations, contact materials, resistances and transition temperatures



### DIMENSIONS:



Operating Voltage	Type Number	Ro @ 25°C (Ohms)	A		B		Transition Temperature (°C)	Wattage at Max. Power Dissipation
			in.	mm.	in.	mm.		
12	5505-2.0-120-12-PTH	2.0	0.55	13.97	0.06	1.52	120	35
12	5505-2.0-140-12-PTH	2.0	0.55	13.97	0.06	1.52	140	40
12	5505-2.0-160-12-PTH	2.0	0.55	13.97	0.06	1.52	160	45
24	5506-5-65-24-PTH	5.0	0.55	13.97	0.06	1.52	65	20
24	5506-5-110-24-PTH	5.0	0.55	13.97	0.06	1.52	110	35
24	5506-20-140-24-PTH	20	0.55	13.97	0.06	1.52	140	40
120	5510-25-65-120-PTH	25	0.55	13.97	0.10	2.54	65	20
120	5510-100-120-120-PTH	100	0.55	13.97	0.10	2.54	120	25
120	5510-150-140-120-PTH	150	0.55	13.97	0.10	2.54	140	35
120	7510-10-110-120-PTH	10	0.75	19.05	0.10	2.54	110	40
120	7510-10-160-120-PTH	10	0.75	19.05	0.10	2.54	160	45
240	5515-50-65-240-PTH	50	0.55	13.97	0.15	3.81	65	20
240	6315-500-110-240-PTH	500	0.63	16.00	0.15	3.81	110	25
240	6315-250-120-240-PTH	250	0.63	16.00	0.15	3.81	120	30

### OPTIONS:

- Aluminum-nickel contacts, replace "PTH" suffix with "PHN"
- Aluminum only contacts, replace "PTH" suffix with "PHA"
- Silver contacts, replace "PTH" suffix with "PHS"
- Other resistances, contact materials
- Other tolerances, other transition temperatures
- Other voltage ratings, configurations