



# PTC THERMISTORS: TYPE PTH

## SELF-REGULATING HEATER

### DESCRIPTION:

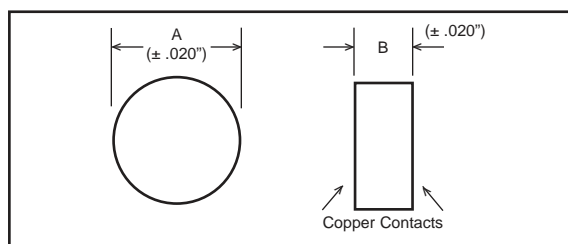
PTC disc thermistor for heating elements and thermostat

### 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