

THERMISTOR PRODUCTS

PTC THERMISTOR LEADED TYPE FOR TEMPERATURE SENSING

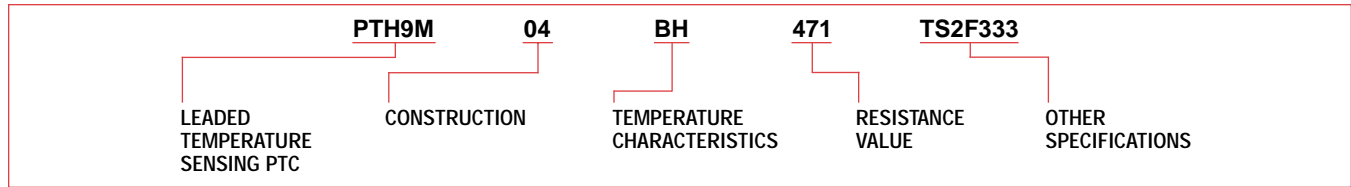
PTH9L/M Series



FEATURES

- The PTH9L/M offers an excellent temperature sensing ability, exhibiting a steep change in electrical resistivity near the temperature setting.
- The PTH9M has been developed for protecting power transistors, thyristors, stereo main amplifiers, etc. from overheating and also for sensing the temperature of other components which may overheat.
- The PTH9L type is usable as a sensor for temperature in air.
- The PTH9M type is a screw-fixing type and the PTH9L type is a lead type; therefore, mounting is easy.
- The PTH9M type and the PTH9L type have the same temperature characteristics, providing selection based on mounting method.

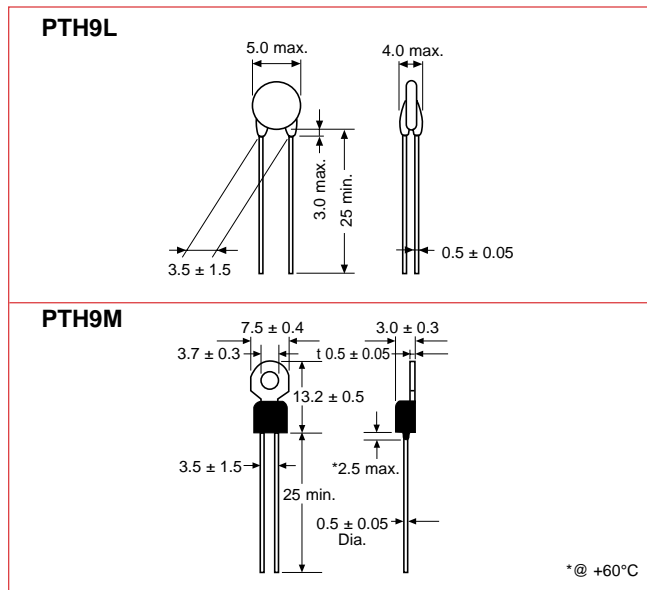
PART NUMBERING SYSTEM



SPECIFICATIONS

Part Number		Temperature Characteristics (C.P.)	Resistance Value in Ohms		Voltage (VDC) max.	Current (A) max.	
PTH9M	PTH9L		25°C	At Sensing Temperature - 10°C			At Sensing Temperature
PTH9M04BH471TS2F333	PTH9L04BH471TS2F333	BH (40)	100 max.	330 max. (50°C)	470 min. (60°C)	16	0.1
PTH9M04BG471TS2F333	PTH9L04BG471TS2F333	BG (50)		330 max. (60°C)	470 min. (70°C)		
PTH9M04BF471TS2F333	PTH9L04BF471TS2F333	BF (60)		330 max. (70°C)	470 min. (80°C)		
PTH9M04BE471TS2F333	PTH9L04BE471TS2F333	BE (70)		330 max. (80°C)	470 min. (90°C)		
PTH9M04BD471TS2F333	PTH9L04BD471TS2F333	BD (80)		330 max. (90°C)	470 min. (100°C)		
PTH9M04BC471TS2F333	PTH9L04BC471TS2F333	BC (90)		330 max. (100°C)	470 min. (110°C)		
PTH9M04BB471TS2F333	PTH9L04BB471TS2F333	BB (100)		330 max. (110°C)	470 min. (120°C)		
PTH9M04BH222TS2F333	PTH9L04BH222TS2F333	BH (40)	330 max.	1.5K max. (50°C)	2.2K min. (60°C)	16	0.1
PTH9M04BG222TS2F333	PTH9L04BG222TS2F333	BG (50)		1.5K max. (60°C)	2.2K min. (70°C)		
PTH9M04BF222TS2F333	PTH9L04BF222TS2F333	BF (60)		1.5K max. (70°C)	2.2K min. (80°C)		
PTH9M04BE222TS2F333	PTH9L04BE222TS2F333	BE (70)		1.5K max. (80°C)	2.2K min. (90°C)		
PTH9M04BD222TS2F333	PTH9L04BD222TS2F333	BD (80)		1.5K max. (90°C)	2.2K min. (100°C)		
PTH9M04BC222TS2F333	PTH9L04BC222TS2F333	BC (90)		1.5K max. (100°C)	2.2K min. (110°C)		
PTH9M04BB222TS2F333	PTH9L04BB222TS2F333	BB (100)		1.5K max. (110°C)	2.2K min. (120°C)		

DIMENSIONS: mm



TYPICAL RESISTANCE-TEMPERATURE CHARACTERISTICS

