

# THERMISTOR PRODUCTS

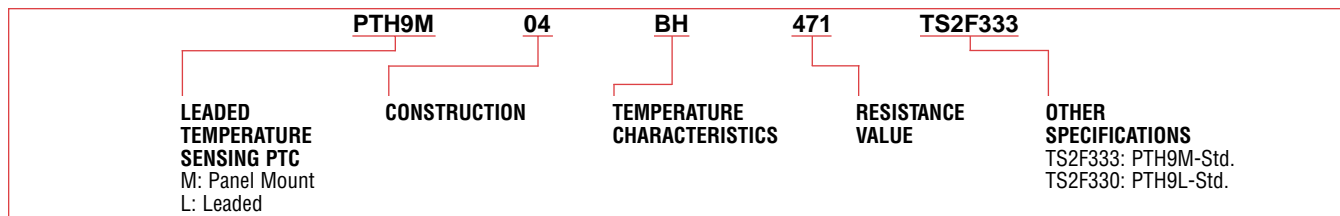
## PTC THERMISTOR LEADED TYPE FOR TEMPERATURE SENSING



#### FEATURES

- PTH9L/M provides an excellent temperature sensing ability, exhibiting a steep change in electrical resistivity near the temperature setting
- PTH9M is suitable for power transistors, thyristors, amplifiers, etc. for overheat protection
- PTH9L is usable as a temperature sensor in air
- PTH9M is a panel-mount style
- Same temperature characteristics between PTH9L and PTH9M

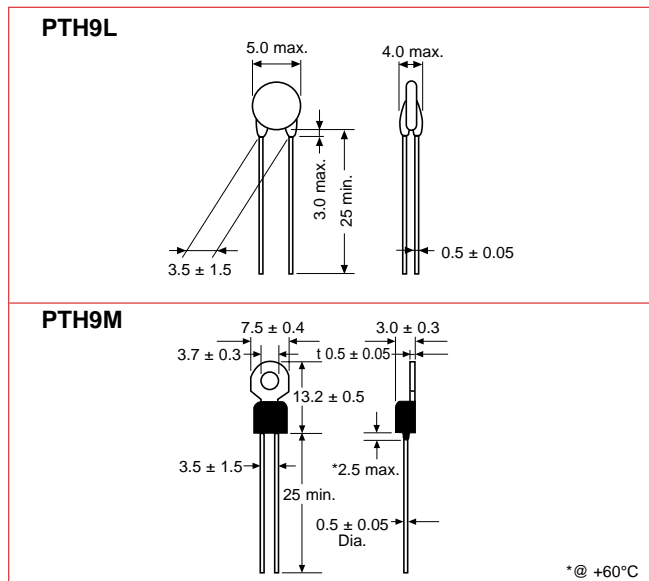
#### PART NUMBERING SYSTEM



#### 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						
PTH9M04BH471TS2F333	PTH9L04BH471TS2F330	BH (40)	100 max.	330 max. (50°C)	470 min. (60°C)	16	0.1			
PTH9M04BG471TS2F333	PTH9L04BG471TS2F330	BG (50)		330 max. (60°C)	470 min. (70°C)					
PTH9M04BF471TS2F333	PTH9L04BF471TS2F330	BF (60)		330 max. (70°C)	470 min. (80°C)					
PTH9M04BE471TS2F333	PTH9L04BE471TS2F330	BE (70)		330 max. (80°C)	470 min. (90°C)					
PTH9M04BD471TS2F333	PTH9L04BD471TS2F330	BD (80)		330 max. (90°C)	470 min. (100°C)					
PTH9M04BC471TS2F333	PTH9L04BC471TS2F330	BC (90)		330 max. (100°C)	470 min. (110°C)					
PTH9M04BB471TS2F333	PTH9L04BB471TS2F330	BB (100)		330 max. (110°C)	470 min. (120°C)					
PTH9M04BH222TS2F333	PTH9L04BH222TS2F330	BH (40)		330 max.	1.5K max. (50°C)			2.2K min. (60°C)	16	0.1
PTH9M04BG222TS2F333	PTH9L04BG222TS2F330	BG (50)			1.5K max. (60°C)			2.2K min. (70°C)		
PTH9M04BF222TS2F333	PTH9L04BF222TS2F330	BF (60)			1.5K max. (70°C)			2.2K min. (80°C)		
PTH9M04BE222TS2F333	PTH9L04BE222TS2F330	BE (70)	1.5K max. (80°C)		2.2K min. (90°C)					
PTH9M04BD222TS2F333	PTH9L04BD222TS2F330	BD (80)	1.5K max. (90°C)		2.2K min. (100°C)					
PTH9M04BC222TS2F333	PTH9L04BC222TS2F330	BC (90)	1.5K max. (100°C)		2.2K min. (110°C)					
PTH9M04BB222TS2F333	PTH9L04BB222TS2F330	BB (100)	1.5K max. (110°C)		2.2K min. (120°C)					

#### DIMENSIONS: mm



#### TYPICAL RESISTANCE-TEMPERATURE CHARACTERISTICS

