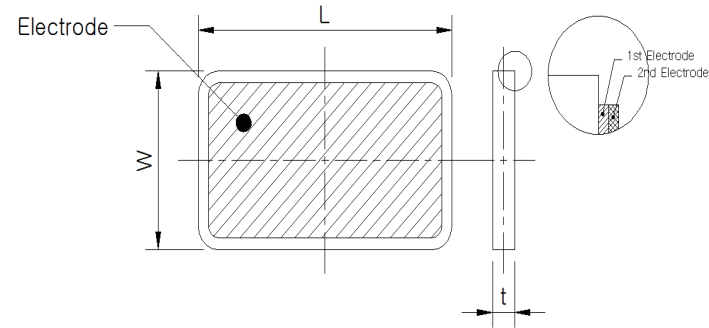


PTC thermistors as heating elements

▶ Metallized rectangular disks, 12V to 30V

◆ Home Appliances

- 고데기, 롤퍼머기
- 전립선 치료기
- USB히터



Symbols and terms

R_{25}	Resistance at 25°C
R_b	Resistance switching temperature
T_b	Switching temperature
T_{sf}	Final surface temperature
V_R	Rated voltage
V_{max}	Maximum operating voltage
I_{max}	Maximum current
$I_{in p}$	Peak inrush current
I_{res}	Residual current
V_w	Withstanding voltage

Part no. (Logo : HP)	온도	상온저항	외관 규격		전극		두께	사용전압			전기적 특성			Part no. (Logo : SYP)
	T_b	R_{25}	L	W	1st	2nd	t	V_R	V_{max}	V_{WS}	I_{in}	I_{res}	T_S	
	[°C]	[Ω]	[mm]	[mm]	-	-	[mm]	[V]	[V]	[V]	[Max. A]	[mA]	[°C]	
HP HE 06 400 S B 28 10 A 20 A	60	40.0 ±50%	27.8 ±0.5	10.0 ±0.5	Ag/Zn	Ag	2.00 ±0.1	24.0	30.0	50	2.0	120 ±30%	60 ±10	SYP HE 06 400 S B 28 10 - A 20
HP HE 15 250 S B 24 09 A 24 A	150	25.0 ±30%	24.0 ±0.5	9.0 ±0.3	Ag/Zn	Ag	2.40 ±0.1	24.0	30.0	50	3.0	300 ±30%	145 ±10	SYP HE 15 250 S B 24 09 - A 24
HP HE 20 200 S B 18 06 A 14 A	200	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	370 ±30%	180 ±10	SYP HE 20 200 S B 18 06 - A 14
HP HE 21 010 S B 25 15 A 09 A	210	0.80 ±20%	25.0 ±0.5	15.0 ±0.3	Ag/Zn	Ag	0.85 ±0.1	12.0	13.5	30	30.0	1300 ±30%	237 ±10	SYP HE 21 010 S B 25 15 - A 09
HP HE 21 200 S B 18 06 A 14 A	210	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	400 ±30%	190 ±10	SYP HE 21 200 S B 18 06 - A 14
HP HE 22 200 S B 18 06 A 14 A	220	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	410 ±30%	200 ±10	SYP HE 22 200 S B 18 06 - A 14
HP HE 23 200 S B 18 06 A 14 A	230	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	430 ±30%	215 ±10	SYP HE 23 200 S B 18 06 - A 14
HP HE 24 200 S B 18 06 A 14 A	240	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	460 ±30%	220 ±10	SYP HE 24 200 S B 18 06 - A 14
HP HE 25 200 S B 18 06 A 14 A	250	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	470 ±30%	230 ±10	SYP HE 25 200 S B 18 06 - A 14
HP HE 26 200 S B 18 06 A 14 A	260	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	480 ±30%	235 ±10	SYP HE 26 200 S B 18 06 - A 14
HP HE 27 200 S B 18 06 A 14 A	270	20.0 ±50%	18.0 ±0.5	6.0 ±0.3	Ag/Zn	Ag	1.40 ±0.1	12.0	15.0	50	3.0	500 ±30%	245 ±10	SYP HE 27 200 S B 18 06 - A 14