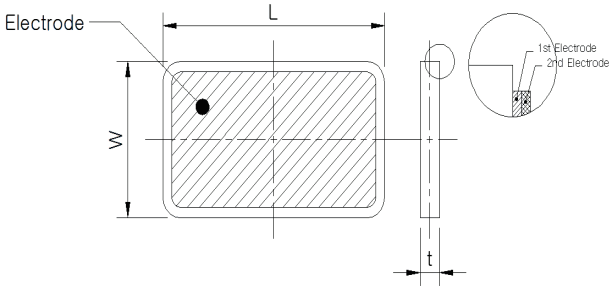
PTC thermistors as heating elements

Metallized rectangular disks, 100V to 220V

Home Applicances

- 스팀 청소기, 가습기
- 글루건, 온풍기
- 음식물 건조기



Symbols and terms

R_{25}	Resistance at 25℃
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	
	[℃]	[Ω]	[mm]	[mm]	-	-	[mm]	[V]	[V]	[V]	[Max. A]	[mA]	[℃]	
HP HE 14 202 S B 28 10 L 14 A	135	2,150 ±70%	27.8 ±0.5	10.0 ±0.5	AL	-	1.4 ±0.1	220	265	400	2.0	22 ±30%	136 ±10	SYP HE 14 202 S B 28 10 - L 14
HP HE 15 202 S B 38 06 L 30 A	150	2,150 ±70%	38.0 ±1.0	6.2 ±0.3	AL	-	3.0 ±0.1	220	265	400	2.0	23 ±30%	150 ±10	SYP HE 15 202 S B 38 06 - L 30
HP HE 15 202 S B 38 06 Z 30 A	150	2,150 ±70%	38.0 ±1.0	6.2 ±0.3	Ag/Zn	-	3.0 ±0.1	220	265	400	2.0	23 ±30%	150 ±10	SYP HE 15 202 S B 38 06 - O 30
HP HE 15 252 S B 21 15 Z 22 A	150	2,500 ±40%	20.5 ±0.5	14.7 ±0.3	Ag/Zn	-	2.2 ±0.1	220	265	400	2.0	25 ±30%	145 ±10	SYP HE 15 252 S B 2114R7 - O 22
HP HE 16 202 S B 28 10 Z 14 A	160	2,250 ±60%	27.8 ±0.5	10.5 ±0.5	Ag/Zn	-	1.4 ±0.1	220	265	400	2.5	25 ±30%	155 ±10	SYP HE 16 202 S B 28 10 - O 14
HP HD 18 701 S B 35 06 A 20 A	180	700 ±50%	35.0 ±1.0	6.2 ±0.2	Ag/Zn	Ag	2.0 ±0.1	230	265	400	2.5	50 ±30%	190 ±10	SYP HE 18 701 S B 35 06 - A 20
HP HE 18 851 S B 45 07 A 25 A	180	850 ±50%	45.0 ±1.0	7.0 ±0.3	Ag/Zn	Ag	2.5 ±0.1	110	140	400	3.0	80 ±30%	170 ±10	SYP HE 18 851 S B 45 07 - A 25
HP HN 18 202 S B 10 03 N 20 A	180	2,150 ±70%	10.0 ±0.3	2.8 ±0.2	Ni	Ag	2.0 ±0.1	220	265	400	1.5	15 ±30%	153 ±10	SYP HE 18 202 S B 10 03 - N 20
HP HE 18 352 S B 25 15 Z 22 A	180	3,750 ±50%	25.0 ±0.5	15.0 ±0.3	Ag/Zn	-	2.2 ±0.1	220	265	450	2.0	28 ±30%	175 ±10	SYP HE 18 352 S B 25 15 - O 22
HP HE 20 651 S B 25 15 Z 22 A	200	650 ±50%	25.0 ±0.5	15.0 ±0.3	Ag/Zn	-	2.2 ±0.1	110	140	400	2.0	55 ±30%	200 ±10	SYP HE 20 651 S B 25 15 - O 22
HP HE 20 202 S B 38 06 L 30 A	200	2,150 ±70%	38.0 ±1.0	6.2 ±0.3	AL	-	3.0 ±0.1	220	265	400	2.0	27 ±30%	190 ±10	SYP HE 20 202 S B 38 06 - L 30
HP HE 20 202 S B 38 06 Z 30 A	200	2,150 ±70%	38.0 ±1.0	6.2 ±0.3	Ag/Zn	-	3.0 ±0.1	220	265	400	2.0	27 ±30%	190 ±10	SYP HE 20 202 S B 38 06 - O 30
HP HE 23 102 S B 38 06 A 22 A	230	950 ±70%	38.0 ±2.0	6.2 ±0.3	Ag/Zn	Ag	2.2 ±0.1	220	265	400	3.0	35 ±30%	210 ±10	SYP HE 23 102 S B 38 06 - A 22
HP HE 23 202 S B 21 15 Z 22 A	230	2,000 ±50%	20.5 ±0.5	14.7 ±0.3	Ag/Zn	-	2.2 ±0.1	220	265	450	2.0	43 ±30%	215 ±10	SYP HE 23 202 S B 2114R7 - O 22
HP HE 23 202 S B 28 10 L 14 A	230	2,150 ±70%	27.8 ±0.5	10.0 ±0.5	AL	-	1.4 ±0.1	220	265	400	2.0	35 ±30%	220 ±10	SYP HE 23 202 S B 28 10 - L 14
HP HE 24 202 S B 24 09 A 22 A	240	2,150 ±70%	24.0 ±0.5	9.0 ±0.3	Ag/Zn	Ag	2.2 ±0.1	220	265	400	2.0	40 ±30%	220 ±10	SYP HE 24 202 S B 24 09 - A 22
HP HE 25 202 S B 25 15 A 22 A	250	2,000 ±50%	25.0 ±0.5	15.0 ±0.3	Ag/Zn	Ag	2.2 ±0.1	220	265	400	3.0	45 ±30%	235 ±10	SYP HE 25 202 S B 25 15 - A 22
HP HE 25 202 S B 24 09 A 22 A	250	2,150 ±70%	24.0 ±0.5	9.0 ±3.0	Ag/Zn	Ag	2.2 ±0.1	220	265	400	3.0	40 ±30%	235 ±10	SYP HE 25 202 S B 24 09 - A 22
HP HE 25 202 S B 28 10 L 14 A	250	2,150 ±70%	27.8 ±0.5	10.0 ±0.5	AL	-	1.4 ±0.1	220	265	300	2.5	45 ±30%	235 ±10	SYP HE 25 202 S B 28 10 - L 14
HP HE 25 202 S B 30 05 A 22 A	250	2,150 ±70%	30.0 ±2.0	5.0 ±0.3	Ag/Zn	Ag	2.2 ±0.1	220	265	400	2.0	35 ±30%	235 ±10	SYP HE 25 202 S B 30 05 - A 22
HP HE 26 202 S B 25 15 Z 22 A	260	2,000 ±50%	25.0 ±0.5	15.0 ±0.3	Ag/Zn	-	2.2 ±0.1	220	265	400	2.0	45 ±30%	245 ±10	SYP HE 26 202 S B 25 15 - O 22
HP HE 28 202 S B 28 10 L 14 A	280	2,250 ±60%	27.8 ±0.5	10.5 ±0.5	AL	-	1.4 ±0.1	110	140	25	2.0	150 ±30%	265 ±10	SYP HE 28 202 S B 28 10 - L 14
HP HE 28 202 S B 28 10 Z 14 A	280	2,250 ±60%	27.8 ±0.5	10.5 ±0.5	Ag/Zn	-	1.4 ±0.1	110	140	250	2.0	150 ±30%	265 ±10	SYP HE 28 202 S B 28 10 - O 14
HP HE 28 202 S B 38 06 A 22 A	280	2,250 ±60%	38.0 ±1.0	6.2 ±0.3	Ag/Zn	Ag	2.2 ±0.1	220	265	300	3.5	45 ±30%	260 ±10	SYP HE 28 202 S B 38 06 - A 22
HP HE 28 202 S B 38 06 Z 30 A	280	2,250 ±60%	38.0 ±1.0	6.2 ±0.3	Ag/Zn		3.0 ±0.1	220	265	300	3.0	47 ±30%	250 ±10	SYP HE 28 202 S B 38 06 - O 30