

# PTC thermistors for limit temperature sensors

## Limits temperature sensors, Leaded disks, coated

### Applications

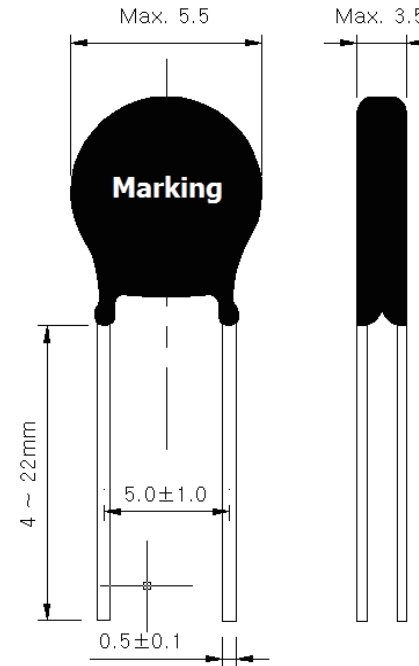
-Limit temperature monitoring

### Features

- Marking : manufacture' logo

reference temperature in °C and date code

ex **HP**  
**06850**      HP : Hiel PTC / 06850 : data code



### Symbols and terms

$R_{25}$	Resistance at 25°C
$R_b$	Resistance switching temperature
$T_b$	Switching temperature
$T_{NF}$	Nominal functioning temperature
$V_R$	Rated voltage
$V_{max}$	Maximum operating voltage
$V_w$	Withstanding voltage

Part no. (Logo : HP)	온도	상온저항	정격전압	최대전압	내전압	센싱온도						Part no. (Logo : SYP)	
	$T_b$	$R_{25}$	$V_R$	$V_{max}$	$V_{WS}$	$T_{NF}$	$T_{NF-10^\circ C}$	$T_{NF+10^\circ C}$	$T_{NF+\alpha^\circ C}$				
	[°C]	[Ω]	[V]	[V]	[V]	[°C]	[°C]	[Max. Ω]	[°C]	[Min. Ω]	[°C]		[Min. Ω]
HP SR 06 850 J D 04 00 S 25 A	60	85 ±25%	16	30	50	70	60	550	80	550	-	-	SYP SR 06 850 J D 04 - S 25
HP SR 07 850 J D 04 00 S 25 A	70	85 ±25%	16	30	50	90	80	550	100	550	-	-	SYP SR 07 850 J D 04 - S 25
HP SR 08 850 J D 04 00 S 25 A	80	85 ±25%	16	30	50	100	90	570	110	570	115	1,000	SYP SR 08 850 J D 04 - S 25
HP SR 09 850 J D 04 00 S 25 A	90	85 ±25%	16	30	50	105	95	550	115	1,330	130	20,000	SYP SR 09 850 J D 04 - S 25
HP SR 10 850 J D 04 00 S 25 A	10	85 ±20%	16	30	50	110	100	550	120	1,330	-	-	SYP SR 10 850 J D 04 - S 25
HP SR 12 850 J D 04 00 S 25 A	120	85 ±25%	16	30	50	130	120	550	140	1,330	155	20,000	SYP SR 12 850 J D 04 - S 25
HP SR 12 102 J D 04 00 S 25 A	120	1,000 ±20%	220	265	350	130	120	10,000	140	40,000	155	1,000K	SYP SR 12 102 J D 04 - S 25