

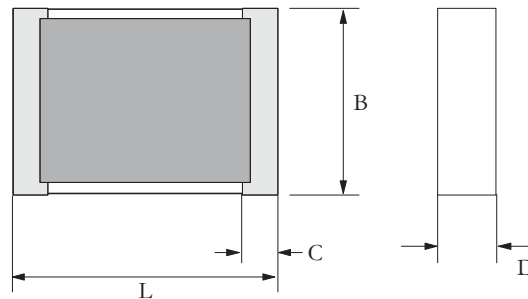
● Features

- I High temperature applications up to 300°C
- II Chip resistors in thick film technology
- III PTC temperature sensors available (up to 250°C)
- IV PtAg-terminals
- V Suitable for conductive epoxy applications and soldering
- VI Suitable for high vacuum applications - no organics
- VII Wire bondable resistors series CBW with Au-terminals available (up to 200°C)
- VIII Non-magnetic

● Applications

- I Tolerance ranges from 1% available (5% for TPS-HT and CBW-HT)
- II TCR is valid for the temperature range +25°C ... +125°C
- III The final measuring of the resistors takes place at room temperature (independent of TCR)
- IV Please pay attention to the interconnection technology at high temperature applications.
- V Operating temperature range: -55°C ... +300°C
 - (TPS-HT: -55°C ... +250°C)
 - (CBW-HT: -55°C ... +200°C)
 - (TPS-HT: 55/250/56)
 - (CBW-HT: 55/200/56)
- VI Climatic category acc. to EN 60068-1: 55/300/56
- VII Stability complies with the values of the basic series

● Dimensions



Type	Dimensions(mm)			
	L	B	D	C
HT0402	1.04±0.05	0.5±0.05	0.3±0.05	0.1+0.1-0.05
HT0504	1.25+0.15/-0.05	1.0+0.15/-0.05	0.3+0.15/-0.05	0.2+0.2/-0.1
HT0603	1.5+0.15/-0.05	0.8+0.15/-0.05	0.4+0.15/-0.05	0.2+0.2/-0.1
HT0612	1.5+0.2/-0.05	3.2+0.15/-0.05	0.4+0.15/-0.05	0.3+0.2/-0.1
HT0805	2.0+0.15/-0.05	1.25+0.15/-0.05	0.4+0.15/-0.05	0.3+0.2/-0.1
HT1206	3.2+0.15/-0.05	1.5+0.2/-0.05	0.4+0.15/-0.05	0.3+0.2/-0.1
HT1210	3.2+0.15/-0.05	2.5+0.2/-0.05	0.5+0.15/-0.05	0.8±0.2
HT1216	3.2+0.2/-0.05	4.1+0.2/-0.05	0.5+0.2/-0.1	0.4±0.2
HT1216H	3.2+0.2/-0.05	4.1+0.2/-0.05	0.5+0.2/-0.1	0.4±0.2
HT2010	5.1+0.15/-0.05	2.5+0.2/-0.05	0.6+0.2/-0.1	1.2±0.2
HT2512	6.3+0.15/-0.05	3.5+0.2/-0.05	0.6+0.15/-0.05	0.9±0.2
HT4020	10.2+0.2/-0.05	5.1+0.2/-0.05	0.6+0.2/-0.1	0.9±0.2

L=length, B=width,
D=Thickness C=width
of wraparound (in mm)

Ordering Information

Example:

CHR0805-HT	10G	K	250ppm/°C
(1)	(2)	(3)	(4)
Series Name	Value	Resistance Tolerance	T.C.R

(1)Type: CHR0805-HT SERIES

(2)Value: 10=10G

(3)Tolerance: K= ± 10%

(4)T.C.R: ± 250ppm/°C

If no requirements for TCR and taping,the standard TCR(highest value in table)will be supplied and packaging is bulk.

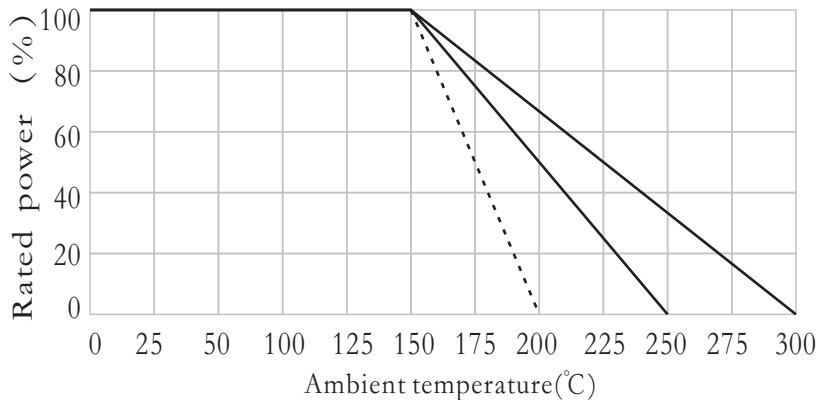
Reference Standards

JISC 5201-1

Applications And Ratings

Type	CHR-HT	CHS-HT	CHM-HT	CRB-HT	CBW-HT
Value ranges	1R~10M	10M~1T	100K~10T	1R~10M	10R~1T

Derating Curve



Packaging

- I Bulk in plastic bags-minimum quantity 500 pieces per value
- II Blister tape acc, to EN60286-3-minimum 1000 pieces per value
- III Reel diameter 180mm or 330mm