

SRT Resistor Technology

Draft

High Temperature Chip Resistors

Type: **CHR-HT, CHS-HT, CHM-HT**

Sizes: **0603, 0805, 1206, 1210, 2010, 2512, 4020**



The SRT chip resistor series CHR, CHS und CHM with the extension –HT are available for the working temperature range **up to 300°C**.

Features:

- **High temperature applications up to 300°C**
- Chip resistors in thick film technology
- PtAg-terminals
- Suitable for conductive epoxy applications and soldering
- Suitable for high vacuum applications – no organics
- Non-magnetic



Dimensions / Technical data:

Dimensions and data are conform with the data of the basic series CHR, CHS and CHM (shown in the particular data sheets).

Speciality:

- TCR is valid for the temperature range +25°C ...+125°C
- The final measuring of the resistors takes place at room temperature (independent of TCR)
- Please pay attention to the interconnection technology at high temperature applications.

- Temperature range: -55°C ... +300°C
- Climatic category acc. to EN 60068-1 55/300/56

Packaging:

Bulk in plastic bags – minimum quantity 100 pieces per value
Blister tape acc. to IEC 60286-3 – minimum 1000 pieces per value
Reel diameter 180 mm or 330 mm

Ordering Data:

Type – HT – value – tolerance – TCR – packaging

Example: CHR-HT 0805 100K ±10% TCR250 Tape 180 mm

Not trimmed parts are indicated by the extension "NA" in the order code:

Type – HT – value – tolerance – NA – TCR - packaging

Example: CHS-HT 4020 10G ±10% NA TCR250 Tape 180 mm

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

Issue 06-2008