

Product	High power Fixed thick film chip resistors (Wide terminal type)	Series	LTR series
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The description of markings on the chip resistor are as shown below.

Example of marking

	J class tolerance ($\pm 5\%$)	F class tolerance ($\pm 1\%$) D class tolerance ($\pm 0.5\%$)
LTR10 LTR18 LTR50	<p>Black(over coat) Silver(External electrode) Yellowish white (Marking)</p>	<p>Black(over coat) Silver(External electrode) Yellowish white (Marking)</p>
LTR100	<p>No Marking</p>	<p>No Marking</p>

① Marking method : There are three or four digits used for the calculation number according to IEC code and "R" is used for the decimal point.

Example : 4digits..... $100k\Omega = 1003$, $10\Omega = 10R0$
3digits..... $100k\Omega = 104$, $10\Omega = 100$

- ② Marking direction : Standard, Resistor surface marking.
- ③ Marking colors : Yellowish white marking or other appropriate marking
- ④ Forming method of marking : Screen printing
- ⑤ Marking material : Resin

Notes

- 1) The information contained herein is subject to change without notice.
- 2) Before you use our Products, please contact our sales representative and verify the latest specifications :
- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Products beyond the rating specified by ROHM.
- 4) Examples of application circuits, circuit constants and any other information contained herein are provided only to illustrate the standard usage and operations of the Products. The peripheral conditions must be taken into account when designing circuits for mass production.
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- 8) For use of our Products in applications requiring a high degree of reliability (as exemplified below), please contact and consult with a ROHM representative : transportation equipment (i.e. cars, ships, trains), primary communication equipment, traffic lights, fire/crime prevention, safety equipment, medical systems, servers, solar cells, and power transmission systems.
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