

Product	Chip resistor networks	Series	MNR series
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The description of markings on the chip resistor are as shown below.

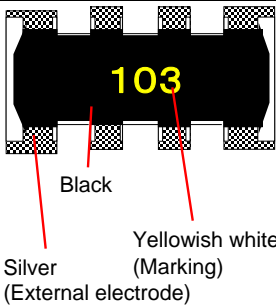
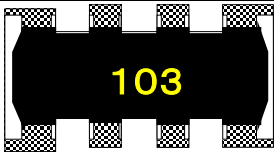
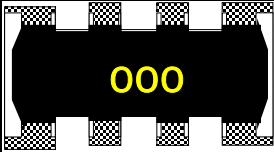
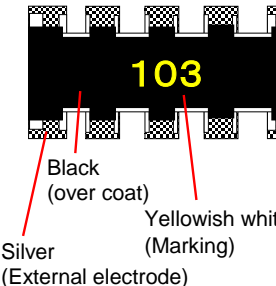
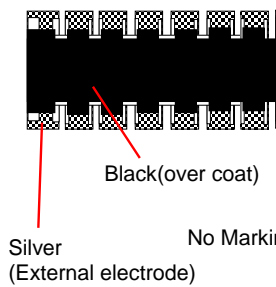
Example of marking

	J class tolerance($\pm 5\%$)	F class tolerance($\pm 1\%$)(E24)	jumper type
MNR02 M0AP	<p>Black(over coat) Silver(External electrode) No marking</p>	/	<p>No Marking</p>
MNR04 M0AP	<p>Black(over coat) Silver(External electrode) No marking</p>		<p>No Marking</p>
MNR12 E0AP	<p>Black(over coat) Silver(External electrode) Yellowish white(Marking)</p>	<p>103</p>	<p>000</p>

- ① Marking method : There are three digits used for the calculation number according to IEC code and "R" is used for the decimal point.
Example : $10k\Omega = 103$, $10\Omega = 100$
- 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

The description of markings on the chip resistor are as shown below.

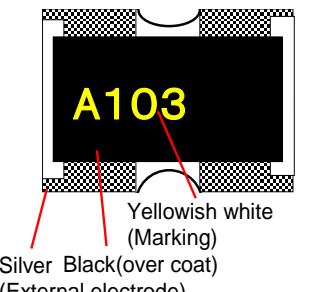
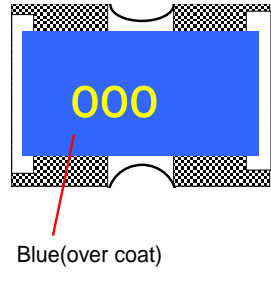
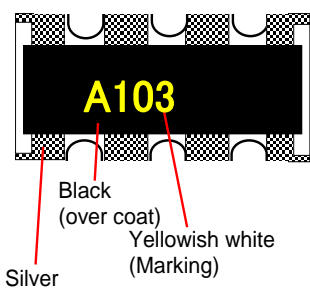
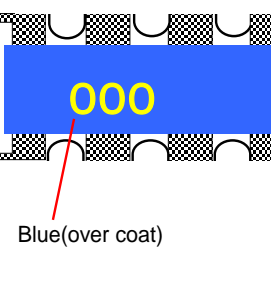
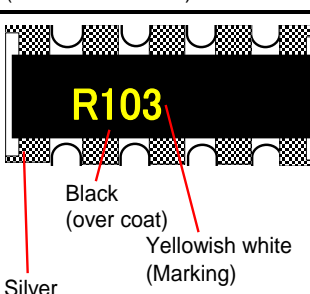
Example of marking

	J class tolerance($\pm 5\%$)	F class tolerance($\pm 1\%$)(E24)	jumper type
MNR14 E0AP	 <p>Black</p> <p>Silver (External electrode)</p> <p>Yellowish white (Marking)</p>	 <p>103</p>	 <p>000</p>
MNR15 E0RP	 <p>Black (over coat)</p> <p>Silver (External electrode)</p> <p>Yellowish white (Marking)</p>		
MNR18 E0AP	 <p>Silver (External electrode)</p> <p>Black(over coat)</p> <p>No Marking</p>		

- ① Marking method : There are three digits used for the calculation number according to IEC code and "R" is used for the decimal point.
Example : $10\text{k}\Omega = 103$, $10\Omega = 100$
- 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

The description of markings on the chip resistor are as shown below.

Example of marking

	J class tolerance($\pm 5\%$)	F class tolerance($\pm 1\%$)(E24)	jumper type
MNR32 J0AB	 <p>Yellowish white (Marking) Silver Black(over coat) (External electrode)</p>		 <p>Blue(over coat)</p>
MNR34 J5AB	 <p>Black (over coat) Yellowish white (Marking) Silver (External electrode)</p>		 <p>Blue(over coat)</p>
MNR35 J5R	 <p>Black (over coat) Yellowish white (Marking) Silver (External electrode)</p>		

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

Example : $10\text{k}\Omega = 103$, $10\Omega = 100$

- 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 : Glass

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