



# SOLITRONICS ENGINEERING LTD.

TEL: (852) 2730-8145

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E-mail: [info@solitronics.com](mailto:info@solitronics.com)

## RESISTOR SPECIFICATIONS

Date: April, 29, 2003

## Metal Oxide Film Fixed Resistors

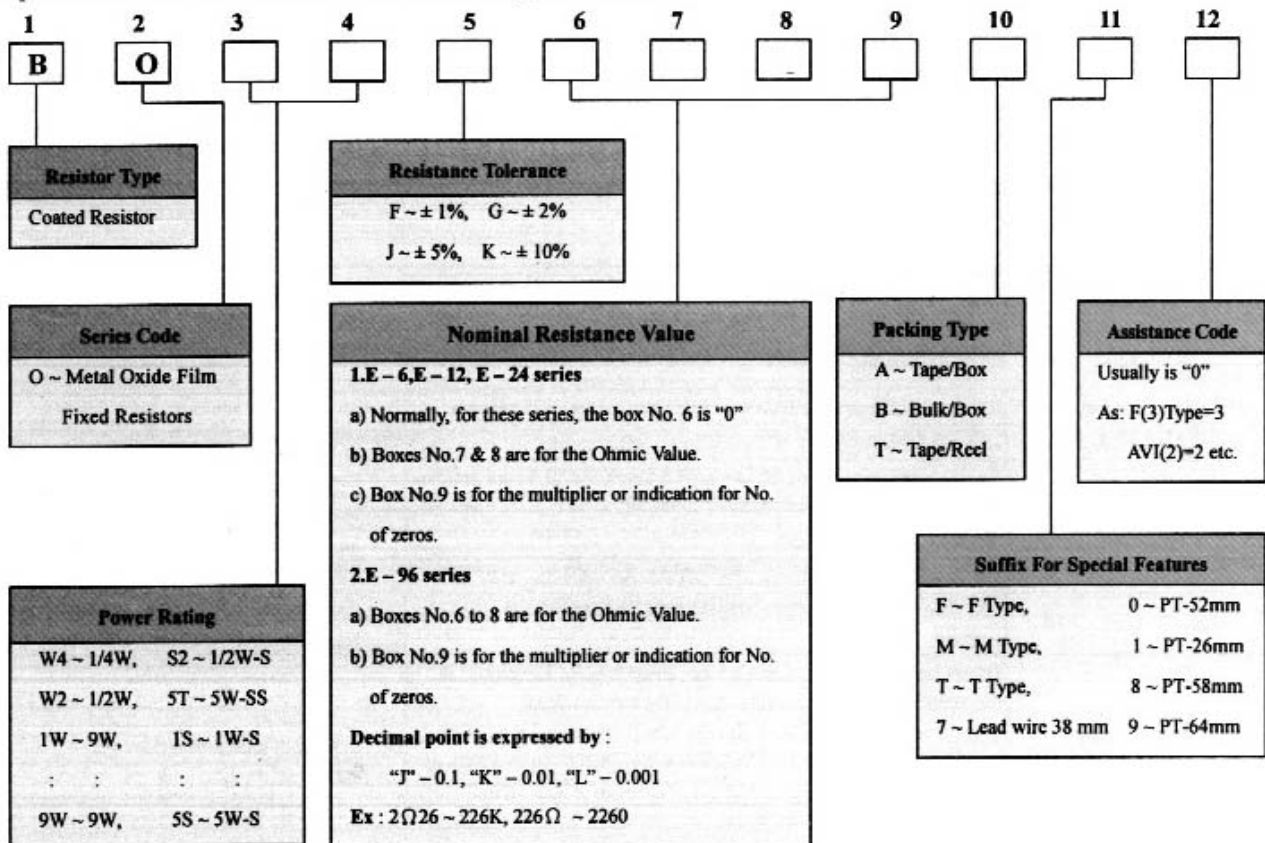
Data Sheet:

**SEL-MFR-1004**

### Features

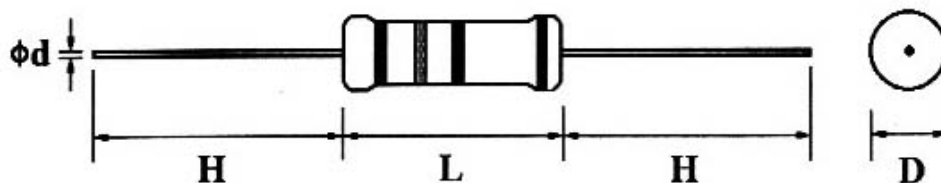
- High safety standard
- Excellent flame retardant coating
- Stable performance in diverse environments
- Too low or too high ohmic value can be supplied on a case to case basis
- High purity ceramic core
- Non-Inductive type available
- Meet EIAJ-RC2655A requirements

### Explanation of Part Number and Ordering Procedure



Note: Special T.C.R. requirements can be supplied on a case to case basis. Please indicate when ordering.

### General Specification & Dimension





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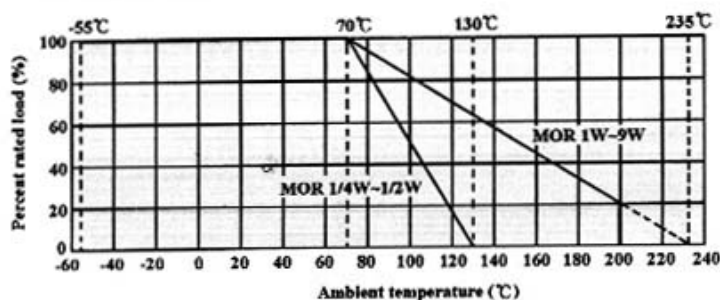
### Normal Size

Part No.	Style	Power Rating at 70°C	Dimension (mm)				Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range
			D±1	L Max.	H±3	d <sup>+0.02</sup> <sub>-0.05</sub>				
BOW4	MOR-25	1/4W (0.25W)	2.5	7.5	28	0.6	250V	400V	250V	0.3Ω ~ 50KΩ
BOW2	MOR-50	1/2W (0.5W)	3.5	10.0	28	0.6	250V	400V	250V	0.3Ω ~ 50KΩ
BO1W	MOR-100	1W	5.0	12.0	28	0.8	350V	600V	350V	0.3Ω ~ 50KΩ
BO2W	MOR-200	2W	5.5	16.0	28	0.8	350V	600V	350V	0.3Ω ~ 50KΩ
BO3W	MOR-300	3W	6.5	17.5	28	0.8	500V	800V	500V	5Ω ~ 100KΩ
BO5W	MOR-500	5W	8.5	26.0	38	0.8	750V	1000V	750V	5Ω ~ 150KΩ
BO7W	MOR-700	7W	8.5	32.0	38	0.8	750V	1000V	750V	20Ω ~ 150KΩ
BO8W	MOR-800	8W	8.5	41.0	38	0.8	750V	1000V	750V	30Ω ~ 200KΩ
BO9W	MOR-900	9W	8.5	54.0	38	0.8	750V	1000V	750V	50Ω ~ 200KΩ

### Small Size

Part No.	Style	Power Rating at 70°C	Dimension (mm)				Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range
			D±1	L Max.	H±3	d <sup>+0.02</sup> <sub>-0.05</sub>				
BOS2	MOR-50-S	1/2W(0.5W)	2.5	7.5	28	0.6	250V	400V	250V	0.3Ω ~ 50KΩ
BO1S	MOR-100-S	1W	4.0	10.0	28	0.8	350V	600V	350V	0.3Ω ~ 50KΩ
BO2S	MOR-200-S	2W	5.0	12.0	28	0.8	350V	600V	350V	0.3Ω ~ 50KΩ
BO3S	MOR-300-S	3W	5.5	16.0	28	0.8	350V	600V	350V	0.3Ω ~ 50KΩ
BO5T	MOR-500-SS	5W	6.5	17.5	28	0.8	500V	800V	500V	5Ω ~ 100KΩ
BO5S	MOR-500-S	5W	8.0	25.0	38	0.8	500V	800V	500V	5Ω ~ 150KΩ

### Derating Curve



### Heat Rise Chart

