

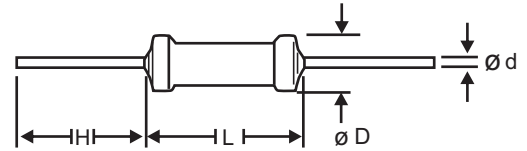
SILICON COATED AXIAL WIREWOUND RESISTORS

Series: MSA

Dimensions:

Features:

- ▶ Flameproof Coating Compatible with UL standards
- ▶ 0.5W to 12 Watts rating available
- ▶ Tolerances up to $\pm 3\%$ available
- ▶ Low TCR on request can be provided
- ▶ Industrial & Professional Application



Physical Data :

TYPE	WATTS	DIMENSIONS (mm)				RESISTANCE
		L ± 1.5	D ± 1.5	d ± 0.05	H (MIN)	RANGE
MSA 0.5	0.5W	9.5	3.5	0.6	27	0.1E to 47E
MSA 1	1 W	12	4.0	0.8	27	0.1E to 150E
MSA 2	2 W	16	5.5	0.8	27	0.1E to 200E
MSA 3	3 W	18	5.5	0.8	27	0.1E to 400E
MSA 5	5 W	22	6.5	0.8	27	0.1E to 1K
MSA 7	7 W	25	8.0	0.8	27	0.1E to 1K
MSA 8	8 W	43	8.0	0.8	27	0.1 E to 2K
MSA 10	10 W	53	8.0	0.8	27	0.1 E to 10K

Note : Higher values & Non Inductive type available on request.

Performance Data :

TEST	REQUIREMENT
Dielectric withstanding voltage	No Breakdown / Flashover
Insulation Resistance	$> 10^3$ M Ohms
Short Time Overload	$\Delta R < \pm 2\% + 0.05$ Ohms
Robustness of Termination	No Mechanical Damage
Solderability	$> 95\%$ coverage of solder
Temperature Cycling	$\Delta R < \pm 2\% + 0.05$ Ohms
Life Electrical	$\Delta R < \pm 5\% + 0.05$ Ohms
Climatic & Damp Heat	$\Delta R < \pm 5\%$ & No Mechanical Damage
Flammability	Within Specific Limits
TCR	100 or 200ppm/ $^{\circ}$ C

