

## Metal film resistors

Order code	Manufacturer code	Description
62-7600	n/a	PACK 100 200K MRS25 MF RESISTOR (RC)
62-7594	n/a	PACK 100 150K MRS25 MF RESISTOR (RC)
62-7596	n/a	PACK 100 160K MRS25 MF RESISTOR (RC)
62-7598	n/a	PACK 100 180K MRS25 MF RESISTOR (RC)
62-7492	n/a	PACK 100 1K1 MRS25 MF RESISTOR (RC)
62-7494	n/a	PACK 100 1K2 MRS25 MF RESISTOR (RC)
62-7496	n/a	PACK 100 1K3 MRS25 MF RESISTOR (RC)
62-7486	n/a	PACK 100 820R MRS25 MF RESISTOR (RC)
62-7488	n/a	PACK 100 910R MRS25 MF RESISTOR (RC)
62-7490	n/a	PACK 100 1K MRS25 MF RESISTOR (RC)
62-7480	n/a	PACK 100 560R MRS25 MF RESISTOR (RC)
62-7482	n/a	PACK 100 620R MRS25 MF RESISTOR (RC)
62-7484	n/a	PACK 100 680R MRS25 MF RESISTOR (RC)
62-7474	n/a	PACK 100 430R MRS25 MF RESISTOR (RC)
62-7476	n/a	PACK 100 470R MRS25 MF RESISTOR (RC)
62-7478	n/a	PACK 100 510R MRS25 MF RESISTOR (RC)
62-7468	n/a	PACK 100 330R MRS25 MF RESISTOR (RC)
62-7470	n/a	PACK 100 360R MRS25 MF RESISTOR (RC)
62-7472	n/a	PACK 100 390R MRS25 MF RESISTOR (RC)
62-7558	n/a	PACK 100 27K MRS25 MF RESISTOR (RC)
62-7560	n/a	PACK 100 30K MRS25 MF RESISTOR (RC)
62-7562	n/a	PACK 100 33K MRS25 MF RESISTOR (RC)
62-7552	n/a	PACK 100 20K MRS25 MF RESISTOR (RC)
62-7554	n/a	PACK 100 22K MRS25 MF RESISTOR (RC)
62-7556	n/a	PACK 100 24K MRS25 MF RESISTOR (RC)
62-7546	n/a	PACK 100 15K MRS25 MF RESISTOR (RC)
62-7548	n/a	PACK 100 16K MRS25 MF RESISTOR (RC)
62-7550	n/a	PACK 100 18K MRS25 MF RESISTOR (RC)
62-7444	n/a	PACK 100 91R MRS25 MF RESISTOR (RC)
62-7446	n/a	PACK 100 100R MRS25 MF RESISTOR (RC)
62-7448	n/a	PACK 100 120R MRS25 MF RESISTOR (RC)
62-7438	n/a	PACK 100 68R MRS25 MF RESISTOR (RC)
62-7440	n/a	PACK 100 75R MRS25 MF RESISTOR (RC)
62-7442	n/a	PACK 100 82R MRS25 MF RESISTOR (RC)
62-7432	n/a	PACK 100 47R MRS25 MF RESISTOR (RC)
62-7434	n/a	PACK 100 51R MRS25 MF RESISTOR (RC)
62-7436	n/a	PACK 100 56R MRS25 MF RESISTOR (RC)
62-7426	n/a	PACK 100 27R MRS25 MF RESISTOR (RC)
62-7428	n/a	PACK 100 33R MRS25 MF RESISTOR (RC)
62-7430	n/a	PACK 100 39R MRS25 MF RESISTOR (RC)
62-7420	n/a	PACK 100 18R MRS25 MF RESISTOR (RC)
62-7422	n/a	PACK 100 20R MRS25 MF RESISTOR (RC)
62-7424	n/a	PACK 100 22R MRS25 MF RESISTOR (RC)
62-7510	n/a	PACK 100 2K7 MRS25 MF RESISTOR (RC)
62-7512	n/a	PACK 100 3K MRS25 MF RESISTOR (RC)
62-7514	n/a	PACK 100 3K3 MRS25 MF RESISTOR (RC)

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The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

## Metal film resistors

Order code	Manufacturer code	Description
62-7504	n/a	PACK 100 2K MRS25 MF RESISTOR (RC)
62-7506	n/a	PACK 100 2K2 MRS25 MF RESISTOR (RC)
62-7508	n/a	PACK 100 2K4 MRS25 MF RESISTOR (RC)
62-7498	n/a	PACK 100 1K5 MRS25 MF RESISTOR (RC)
62-7500	n/a	PACK 100 1K6 MRS25 MF RESISTOR (RC)
62-7502	n/a	PACK 100 1K8 MRS25 MF RESISTOR (RC)
62-7464	n/a	PACK 100 270R MRS25 MF RESISTOR RC
62-7466	n/a	PACK 100 300R MRS25 MF RESISTOR (RC)
62-7400	n/a	PACK 100 1R MRS25 MF RESISTOR (RC)
62-7458	n/a	PACK 100 200R MRS25 MF RESISTOR (RC)
62-7460	n/a	PACK 100 220R MRS25 MF RESISTOR (RC)
62-7462	n/a	PACK 100 240R MRS25 MF RESISTOR (RC)
62-7452	n/a	PACK 100 150R MRS25 MF RESISTOR RC
62-7454	n/a	PACK 100 160R MRS25 MF RESISTOR (RC)
62-7456	n/a	PACK 100 180R MRS25 MF RESISTOR (RC)
62-7416	n/a	PACK 100 12R MRS25 MF RESISTOR (RC)
62-7418	n/a	PACK 100 15R MRS25 MF RESISTOR (RC)
62-7450	n/a	PACK 100 130R MRS25 MF RESISTOR
62-7410	n/a	PACK 100 6R8 MRS25 MF RESISTOR (RC)
62-7412	n/a	PACK 100 8R2 MRS25 MF RESISTOR (RC)
62-7414	n/a	PACK 100 10R MRS25 MF RESISTOR (RC)
62-7404	n/a	PACK 100 3R3 MRS25 MF RESISTOR (RC)
62-7406	n/a	PACK 100 4R7 MRS25 MF RESISTOR (RC)
62-7408	n/a	PACK 100 5R6 MRS25 MF RESISTOR (RC)
62-7714	2322 156 13901	BOX 1000 390R 0.6W MF RESISTOR (RC)
62-7716	2322 156 14301	BOX 1000 430R 0.6W MF RESISTOR (RC)
62-7402	n/a	PACK 100 2R2 MRS25 MF RESISTOR (RC)
62-7708	2322 156 13001	BOX 1000 300R 0.6W MF RESISTOR (RC)
62-7710	2322 156 13301	BOX 1000 330R 0.6W MF RESISTOR (RC)
62-7712	2322 156 13601	BOX 1000 360R 0.6W MF RESISTOR (RC)
62-7798	2322 156 12403	BOX 1000 24K 0.6W MF RESISTOR RC
62-7800	2322 156 12703	BOX 1000 27K 0.6W MF RESISTOR RC
62-7802	2322 156 13003	BOX 1000 30K 0.6W MF RESISTOR RC
62-7792	2322 156 11803	BOX 1000 18K 0.6W MF RESISTOR RC
62-7794	2322 156 12003	BOX 1000 20K 0.6W MF RESISTOR RC
62-7796	2322 156 12203	BOX 1000 22K 0.6W MF RESISTOR RC
62-7786	2322 156 11303	BOX 1000 13K 0.6W MF RESISTOR RC
62-7788	2322 156 11503	BOX 1000 15K 0.6W MF RESISTOR RC
62-7790	2322 156 11603	BOX 1000 16K 0.6W MF RESISTOR RC
62-7684	2322 156 19109	BOX 1000 91R 0.6W MF RESISTOR RC
62-7686	2322 156 11001	BOX 1000 100R 0.6W MF RESISTOR (RC)
62-7688	2322 156 11101	BOX 1000 110R 0.6W MF RESISTOR RC
62-7678	2322 156 16809	BOX 1000 68R 0.6W MF RESISTOR (RC)
62-7680	2322 156 17509	BOX 1000 75R MRS25 MF RESISTOR RC
62-7682	2322 156 18209	BOX 1000 82R MRS25 MF RESISTOR RC
62-7672	2322 156 14709	BOX 1000 47R 0.6W MF RESISTOR (RC)

## Metal film resistors

Order code	Manufacturer code	Description
62-7674	2322 156 15109	BOX 1000 51R 0.6W MF RESISTOR (RC)
62-7676	2322 156 15609	BOX 1000 56R 0.6W MF RESISTOR (RC)
62-7666	2322 156 12709	BOX 1000 27R 0.6W MF RESISTOR RC
62-7668	2322 156 13309	BOX 1000 33R 0.6W MF RESISTOR (RC)
62-7670	2322 156 13909	BOX 1000 39R 0.6W MF RESISTOR (RC)
62-7660	2322 156 11809	BOX 1000 18R 0.6W MF RESISTOR RC
62-7662	2322 156 12009	BOX 1000 20R 0.6W MF RESISTOR RC
62-7664	2322 156 12209	BOX 1000 22R 0.6W MF RESISTOR (RC)
62-7750	2322 156 12402	BOX 1000 2K4 0.6W MF RESISTOR RC
62-7752	2322 156 12702	BOX 1000 2K7 0.6W MF RESISTOR (RC)
62-7754	2322 156 13002	BOX 1000 3K 0.6W MF RESISTOR RC
62-7744	2322 156 11802	BOX 1000 1K8 0.6W MF RESISTOR (RC)
62-7746	2322 156 12002	BOX 1000 2K 0.6W MF RESISTOR (RC)
62-7748	2322 156 12202	BOX 1000 2K2 0.6W MF RESISTOR (RC)
62-7738	2322 156 11302	BOX 1000 1K3 0.6W MF RESISTOR RC
62-7740	2322 156 11502	BOX 1000 1K5 0.6W MF RESISTOR (RC)
62-7742	2322 156 11602	BOX 1000 1K6 0.6W MF RESISTOR (RC)
62-7636	n/a	PACK 100 4M7 MRS25 MF RESISTOR (RC)
62-7638	n/a	PACK 100 10M MRS25 MF RESISTOR (RC)
62-7640	2322 156 11008	BOX 1000 1R 0.6W MF RESISTOR (RC)
62-7630	n/a	PACK 100 1M MRS25 MF RESISTOR (RC)
62-7632	n/a	PACK 100 2M2 MRS25 MF RESISTOR (RC)
62-7634	n/a	PACK 100 3M3 MRS25 MF RESISTOR (RC)
62-7624	n/a	PACK 100 750K MRS25 MF RESISTOR
62-7626	n/a	PACK 100 820K MRS25 MF RESISTOR (RC)
62-7628	n/a	PACK 100 910K MRS25 MF RESISTOR (RC)
62-7618	n/a	PACK 100 510K MRS25 MF RESISTOR (RC)
62-7620	n/a	PACK 100 560K MRS25 MF RESISTOR (RC)
62-7622	n/a	PACK 100 680K MRS25 MF RESISTOR
62-7612	n/a	PACK 100 390K MRS25 MF RESISTOR (RC)
62-7614	n/a	PACK 100 430K MRS25 MF RESISTOR (RC)
62-7616	n/a	PACK 100 470K MRS25 MF RESISTOR (RC)
62-7702	2322 156 12201	BOX 1000 220R 0.6W MF RESISTOR (RC)
62-7704	2322 156 12401	BOX 1000 240R 0.6W MF RESISTOR RC
62-7706	2322 156 12701	BOX 1000 270R 0.6W MF RESISTOR RC
62-7696	2322 156 11601	BOX 1000 160R 0.6W MF RESISTOR RC
62-7698	2322 156 11801	BOX 1000 180R 0.6W MF RESISTOR (RC)
62-7700	2322 156 12001	BOX 1000 200R 0.6W MF RESISTOR RC
62-7690	2322 156 11201	BOX 1000 120R 0.6W MF RESISTOR RC
62-7692	2322 156 11301	BOX 1000 130R 0.6W MF RESISTOR (RC)
62-7694	2322 156 11501	BOX 1000 150R 0.6W MF RESISTOR RC
62-7588	n/a	PACK 100 110K MRS25 MF RESISTOR (RC)
62-7590	n/a	PACK 100 120K MRS25 MF RESISTOR (RC)
62-7592	n/a	PACK 100 130K MRS25 MF RESISTOR (RC)
62-7582	n/a	PACK 100 82K MRS25 MF RESISTOR (RC)
62-7584	n/a	PACK 100 91K MRS25 MF RESISTOR (RC)

## Metal film resistors

Order code	Manufacturer code	Description
62-7586	n/a	PACK 100 100K MRS25 MF RESISTOR (RC)
62-7576	n/a	PACK 100 62K MRSR25 MF RESISTOR (RC)
62-7578	n/a	PACK 100 68K MRS25 MF RESISTOR (RC)
62-7580	n/a	PACK 100 75K MRS25 MF RESISTOR
62-7570	n/a	PACK 100 47K MRS25 MF RESISTOR (RC)
62-7572	n/a	PACK 100 51K MRS25 MF RESISTOR RC
62-7574	n/a	PACK 100 56K MRS25 MF RESISTOR (RC)
62-7564	n/a	PACK 100 36K MRS25 MF RESISTOR (RC)
62-7566	n/a	PACK 100 39K MRS25 MF RESISTOR (RC)
62-7568	n/a	PACK 100 43K MRS25 MF RESISTOR (RC)
62-7654	2322 156 11009	BOX 1000 10R 0.6W MF RESISTOR (RC)
62-7656	2322 156 11209	BOX 1000 12R 0.6W MF RESISTOR RC
62-7658	2322 156 11509	BOX 1000 15R 0.6W MF RESISTOR (RC)
62-7648	2322 156 15608	BOX 1000 5R6 0.6W MF RESISTOR (RC)
62-7650	2322 156 16808	BOX 1000 6R8 0.6W MF RESISTOR (RC)
62-7652	2322 156 18208	BOX 1000 8R2 0.6W MF RESISTOR (RC)
62-7642	2322 156 12208	BOX 1000 2R2 0.6W MF RESISTOR (RC)
62-7644	2322 156 13308	BOX 1000 3R3 0.6W MF RESISTOR (RC)
62-7646	2322 156 14708	BOX 1000 4R7 0.6W MF RESISTOR (RC)
62-7540	n/a	PACK 100 11K MRS25 MF RESISTOR (RC)
62-7542	n/a	PACK 100 12K MRS25 MF RESISTOR (RC)
62-7544	n/a	PACK 100 13K MRS25 MF RESISTOR (RC)
62-7534	n/a	PACK 100 8K2 MRS25 MF RESISTOR (RC)
62-7536	n/a	PACK 100 9K1 MRS25 MF RESISTOR (RC)
62-7538	n/a	PACK 100 10K MRS25 MF RESISTOR (RC)
62-7528	n/a	PACK 100 6K2 MRS25 MF RESISTOR (RC)
62-7530	n/a	PACK 100 6K8 MRS25 MF RESISTOR (RC)
62-7532	n/a	PACK 100 7K5 MRS25 MF RESISTOR (RC)
62-7522	n/a	PACK 100 4K7 MRS25 MF RESISTOR (RC)
62-7524	n/a	PACK 100 5K1 MRS25 MF RESISTOR (RC)
62-7526	n/a	PACK 100 5K6 MRS25 MF RESISTOR (RC)
62-7516	n/a	PACK 100 3K6 MRS25 MF RESISTOR RC
62-7518	n/a	PACK 100 3K9 MRS25 MF RESISTOR (RC)
62-7520	n/a	PACK 100 4K3 MRS25 MF RESISTOR (RC)
62-7606	n/a	PACK 100 270K MRS25 MF RESISTOR (RC)
62-7608	n/a	PACK 100 300K MRS25 MF RESISTOR (RC)
62-7610	n/a	PACK 100 330K MRS25 MF RESISTOR (RC)
62-7880	2322 156 11006	BOX 1000 10M 0.6W MF RESISTOR (RC)
62-7602	n/a	PACK 100 220K MRS25 MF RESISTOR (RC)
62-7604	n/a	PACK 100 240K MRS25 MF RESISTOR (RC)
62-7874	2322 156 12205	BOX 1000 2M2 0.6W MF RESISTOR (RC)
62-7876	2322 156 13305	BOX 1000 3M3 0.6W MF RESISTOR (RC)
62-7878	2322 156 14705	BOX 1000 4M7 0.6W MF RESISTOR (RC)
62-7868	2322 156 18204	BOX 1000 820K 0.6W MF RESISTOR RC
62-7870	2322 156 19104	BOX 1000 910K 0.6W MF RESISTOR RC
62-7872	2322 156 11005	BOX 1000 1M 0.6W MF RESISTOR (RC)

## Metal film resistors

Order code	Manufacturer code	Description
62-7862	2322 156 15604	BOX 1000 560K 0.6W MF RESISTOR RC
62-7864	2322 156 16804	BOX 1000 680K 0.6W MF RESISTOR RC
62-7866	2322 156 17504	BOX 1000 750K 0.6W MF RESISTOR RC
62-7856	2322 156 14304	BOX 1000 430K 0.6W MF RESISTOR (RC)
62-7858	2322 156 14704	BOX 1000 470K 0.6W MF RESISTOR (RC)
62-7860	2322 156 15104	BOX 1000 510K 0.6W MF RESISTOR RC
62-7832	2322 156 11204	BOX 1000 120K 0.6W MF RESISTOR (RC)
62-7852	2322 156 13304	BOX 1000 330K 0.6W MF RESISTOR (RC)
62-7854	2322 156 13904	BOX 1000 390K 0.6W MF RESISTOR RC
62-7826	2322 156 19103	BOX 1000 91K 0.6W MF RESISTOR RC
62-7828	2322 156 11004	BOX 1000 100K 0.6W MF RESISTOR (RC)
62-7830	2322 156 11104	BOX 1000 110K 0.6W MF RESISTOR RC
62-7820	2322 156 16803	BOX 1000 68K 0.6W MF RESISTOR RC
62-7822	2322 156 17503	BOX 1000 75K 0.6W MF RESISTOR RC
62-7824	2322 156 18203	BOX 1000 82K 0.6W MF RESISTOR RC
62-7814	2322 156 15103	BOX 1000 51K 0.6W MF RESISTOR RC
62-7816	2322 156 15603	BOX 1000 56K 0.6W MF RESISTOR RC
62-7818	2322 156 16203	BOX 1000 62K 0.6W MF RESISTOR RC
62-7808	2322 156 13903	BOX 1000 39K 0.6W MF RESISTOR RC
62-7810	2322 156 14303	BOX 1000 43K 0.6W MF RESISTOR RC
62-7812	2322 156 14703	BOX 1000 47K 0.6W MF RESISTOR RC
62-7784	2322 156 11203	BOX 1000 12K 0.6W MF RESISTOR RC
62-7804	2322 156 13303	BOX 1000 33K 0.6W MF RESISTOR RC
62-7806	2322 156 13603	BOX 1000 36K 0.6W MF RESISTOR RC
62-7778	2322 156 19102	BOX 1000 9K1 0.6W MF RESISTOR RC
62-7780	2322 156 11003	BOX 1000 10K 0.6W MF RESISTOR RC
62-7782	2322 156 11103	BOX 1000 11K 0.6W MF RESISTOR RC
62-7772	2322 156 16802	BOX 1000 6K8 0.6W MF RESISTOR RC
62-7774	2322 156 17502	BOX 1000 7K5 0.6W MF RESISTOR (RC)
62-7776	2322 156 18202	BOX 1000 8K2 0.6W MF RESISTOR (RC)
62-7766	2322 156 15102	BOX 1000 5K1 0.6W MF RESISTOR RC
62-7768	2322 156 15602	BOX 1000 5K6 0.6W MF RESISTOR (RC)
62-7770	2322 156 16202	BOX 1000 6K2 0.6W MF RESISTOR RC
62-7760	2322 156 13902	BOX 1000 3K9 0.6W MF RESISTOR RC
62-7762	2322 156 14302	BOX 1000 4K3 0.6W MF RESISTOR (RC)
62-7764	2322 156 14702	BOX 1000 4K7 0.6W MF RESISTOR (RC)
62-7850	2322 156 13004	BOX 1000 300K 0.6W MF RESISTOR RC
62-7756	2322 156 13302	BOX 1000 3K3 0.6W MF RESISTOR (RC)
62-7758	2322 156 13602	BOX 1000 3K6 0.6W MF RESISTOR RC
62-7844	2322 156 12204	BOX 1000 220K 0.6W MF RESISTOR RC
62-7846	2322 156 12404	BOX 1000 240K 0.6W MF RESISTOR RC
62-7848	2322 156 12704	BOX 1000 270K 0.6W MF RESISTOR RC
62-7838	2322 156 11604	BOX 1000 160K 0.6W MF RESISTOR RC
62-7840	2322 156 11804	BOX 1000 180K 0.6W MF RESISTOR RC
62-7842	2322 156 12004	BOX 1000 200K 0.6W MF RESISTOR RC
62-7736	2322 156 11202	BOX 1000 1K2 0.6W MF RESISTOR (RC)

## Metal film resistors

Order code	Manufacturer code	Description
62-7834	2322 156 11304	BOX 1000 130K 0.6W MF RESISTOR RC
62-7836	2322 156 11504	BOX 1000 150K 0.6W MF RESISTOR (RC)
62-7730	2322 156 19101	BOX 1000 910R 0.6W MF RESISTOR (RC)
62-7732	2322 156 11002	BOX 1000 1K 0.6W MF RESISTOR (RC)
62-7734	2322 156 11102	BOX 1000 1K1 0.6W MF RESISTOR RC
62-7724	2322 156 16201	BOX 1000 620R 0.6W MF RESISTOR RC
62-7726	2322 156 16801	BOX 1000 680R 0.6W MF RESISTOR RC
62-7728	2322 156 18201	BOX 1000 820R 0.6W MF RESISTOR (RC)
62-7718	2322 156 14701	BOX 1000 470R 0.6W MF RESISTOR (RC)
62-7720	2322 156 15101	BOX 1000 510R 0.6W MF RESISTOR (RC)
62-7722	2322 156 15601	BOX 1000 560R 0.6W MF RESISTOR RC

**Professional leaded resistors****MRS16; MRS25****FEATURES**

- Professional resistors in small outlines
- Low noise.

**APPLICATIONS**

- All general purpose applications.

**DESCRIPTION**

A homogeneous film of metal alloy is deposited on a high grade ceramic body. After a helical groove has been cut in the resistive layer, tinned connecting wires of electrolytic copper are welded to the end-caps. The resistors are coated with lacquer which provides electrical, mechanical, and climatic protection. Four or five colour code rings designate the resistance value and tolerance according to **IEC 60 062**.

Suitable replacements for MRS16 and MRS25 are the MBA 0204 and MBB 0207 professional.

**QUICK REFERENCE DATA**

DESCRIPTION	VALUE	
	MRS16	MRS25
Resistance range	4,99 $\Omega$ to 1 M $\Omega$	1 $\Omega$ to 10 M $\Omega$
Resistance tolerance and series	$\pm 1\%$ ; E24/E96 series	
Maximum dissipation at $T_{amb} = 70$ °C	0,4 W	0,6 W
Thermal resistance ( $R_{th}$ )	170 K/W	150 K/W
Temperature coefficient	$\pm 50$ ppm/K	
Maximum permissible voltage (DC or RMS)	200 V	350 V
Basic specifications	IEC 60115-1 and 60115-2	
Climatic category (IEC 60068)	55/155/56	
Max. resistance change for resistance range, $\Delta R/R$ max., after:		
load:		
$R \leq 100$ k $\Omega$	$\pm(0,5\% + 0,05 \Omega)$	$\pm(0,5\% + 0,05 \Omega)$
$R > 100$ k $\Omega$	$\pm(1\% + 0,05 \Omega)$	$\pm(0,5\% + 0,05 \Omega)$
climatic tests:		
$R \leq 100$ k $\Omega$	$\pm(0,5\% + 0,05 \Omega)$	$\pm(0,5\% + 0,05 \Omega)$
$R > 100$ k $\Omega$	$\pm(1\% + 0,05 \Omega)$	$\pm(0,5\% + 0,05 \Omega)$
soldering:		
$R \leq 100$ k $\Omega$	$\pm(0,1\% + 0,05 \Omega)$	$\pm(0,1\% + 0,05 \Omega)$
$R > 100$ k $\Omega$	$\pm(0,25\% + 0,05 \Omega)$	$\pm(0,1\% + 0,05 \Omega)$
short time overload	$\pm(0,25\% + 0,05 \Omega)$	$\pm(0,25\% + 0,05 \Omega)$

## Professional leaded resistors

## MRS16; MRS25

### ORDERING INFORMATION

#### Numeric Ordering code (12NC)

- The resistors have a 12-digit ordering code starting with 2322 15.
- The subsequent 2 digits indicate the resistor type and packaging; see Table 1.
- The remaining 4 digits indicate the resistance value:
  - The first 3 digits indicate the resistance value.
  - The last digit indicates the resistance decade in accordance with Table 2.

**Table 1** Ordering code indicating resistor type and packaging

TYPE	ORDERING CODE 2322 15. ....		
	BANDOLIER IN AMMOPACK		BANDOLIER ON REEL
	1 000 units	5 000 units	5 000 units
MRS16	7 1....	7 2....	7 3....
MRS25	6 1....	6 2....	6 3....

**Table 2** Last digit of 12NC indicating resistance decade

RESISTANCE DECADE	LAST DIGIT
1 to 9,76 $\Omega$	8
10 to 97,6 $\Omega$	9
100 to 976 $\Omega$	1
1 to 9,76 k $\Omega$	2
10 to 97,6 k $\Omega$	3
100 to 976 k $\Omega$	4
1 to 9,76 M $\Omega$	5
10 M $\Omega$	6

#### ORDERING EXAMPLE

The ordering code of a MRS16 resistor, value 750  $\Omega$ , on a bandolier of 1000 units in ammopack is: 2322 157 17501.

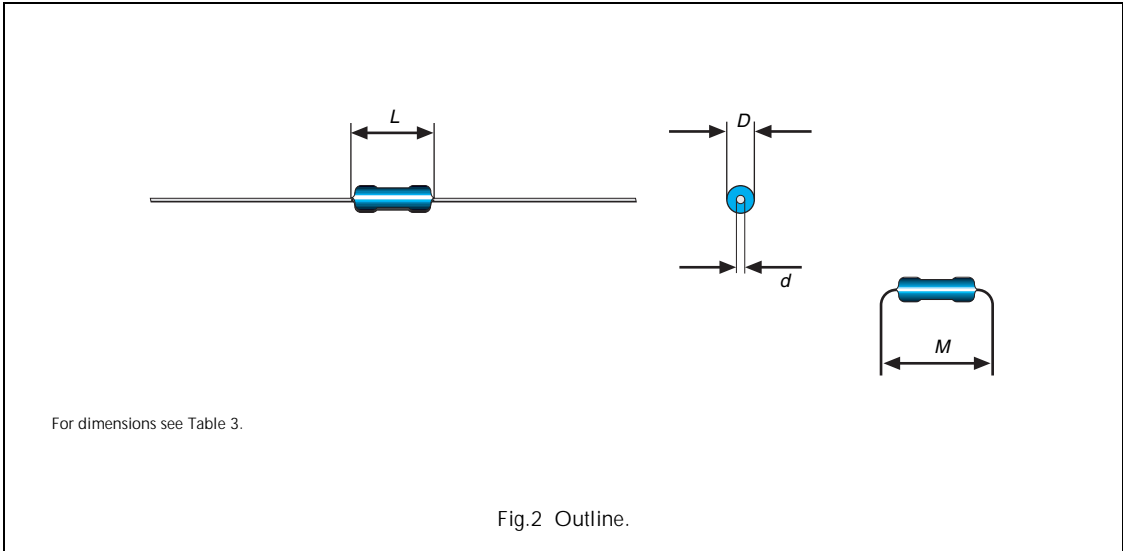


## Professional leaded resistors

## MRS16; MRS25

### MECHANICAL DATA

#### Outlines



**Table 3** Leaded resistor types, mass and relevant physical dimensions; see Fig.2

TYPE	VERSION	$D_{\max}$ (mm)	$L_{\max}$ (mm)	$d_{\text{nom}}$ (mm)	$M_{\min}$ (mm)	MASS (mg)
MRS 16	A	1.6	3.6	0.5	5.0	125
	B	1.9	3.4	0.5	5.0	125
MRS 25	–	2.5	6.5	0.6	10.0	700

#### Note

1. Due to the various sources of production, delivery of specific versions (A or B) of MRS 16 cannot be guaranteed.