



**MSR
Electronics**

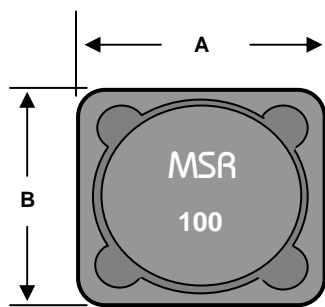


SHIELDED SMD POWER INDUCTORS

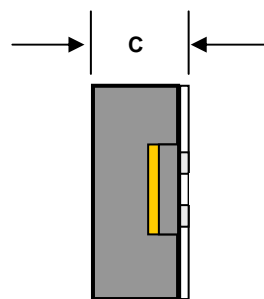
RoHS



Compliant: Contact
Factory for Copy of
Test Report



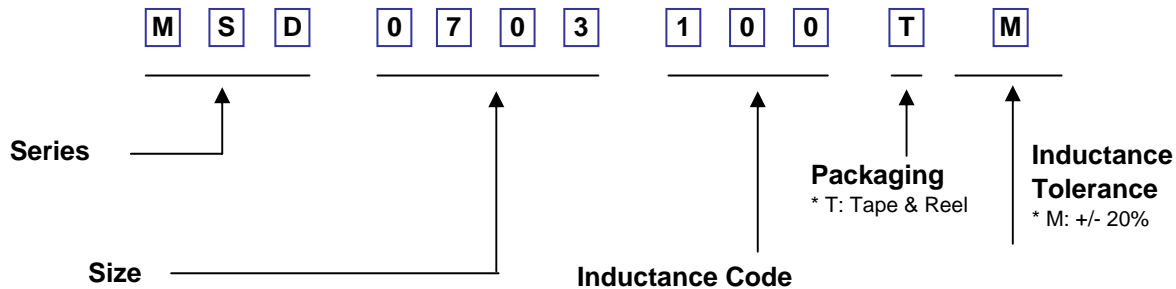
MSD SERIES (Shielded)



FEATURES:

- Solder Heat Resistance: 260 °C @ 30 seconds
- Dimensions (mm)
- High Current Capability
- Temp Rise = 45 °C @ I rated
- L drops 10% @ Isat
- Operating Temp = -40 to +125 °C
- Spec Ratings are at 25 °C

PART NUMBER SYSTEM

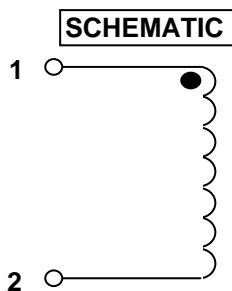
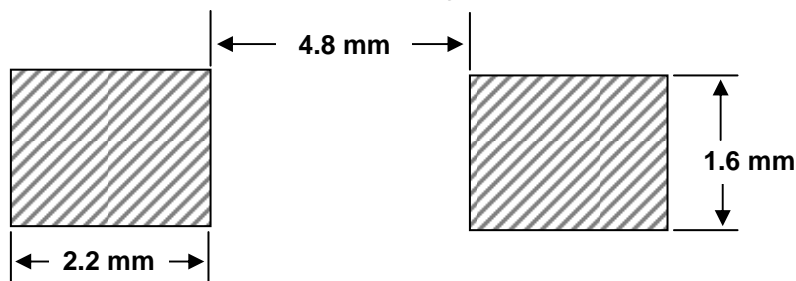


Part Number	Inductance L(uH) 1 KHz @ 1.0V	DCR (Ohms) MAX	I rated (Adc) L<25% @ T<45°C	Dimensions (mm)			
				A +/- 0.2	B +/- 0.2	C MAX	Qty/ 13" Reel
MSD0703-100TM	10	0.072	1.68	7.3	7.3	3.5	1350
MSD0703-120TM	12	0.098	1.52	7.3	7.3	3.5	1350
MSD0703-150TM	15	0.120	1.33	7.3	7.3	3.5	1350
MSD0703-180TM	18	0.140	1.20	7.3	7.3	3.5	1350
MSD0703-220TM	22	0.190	1.07	7.3	7.3	3.5	1350
MSD0703-270TM	27	0.210	0.96	7.3	7.3	3.5	1350
MSD0703-330TM	33	0.240	0.91	7.3	7.3	3.5	1350
MSD0703-390TM	39	0.320	0.77	7.3	7.3	3.5	1350
MSD0703-470TM	47	0.360	0.76	7.3	7.3	3.5	1350
MSD0703-560TM	56	0.470	0.68	7.3	7.3	3.5	1350
MSD0703-680TM	68	0.520	0.61	7.3	7.3	3.5	1350
MSD0703-820TM	82	0.690	0.57	7.3	7.3	3.5	1350
MSD0703-101TM	100	0.790	0.50	7.3	7.3	3.5	1350

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				A +/- 0.2	B +/- 0.2	C MAX	Qty/ 13" Reel
MSD0703-121TM	120	0.890	0.49	7.3	7.3	3.5	1350
MSD0703-151TM	150	1.270	0.43	7.3	7.3	3.5	1350
MSD0703-181TM	180	1.450	0.39	7.3	7.3	3.5	1350
MSD0703-221TM	220	1.650	0.35	7.3	7.3	3.5	1350
MSD0703-271TM	270	2.310	0.32	7.3	7.3	3.5	1350
MSD0703-331TM	330	2.620	0.28	7.3	7.3	3.5	1350
MSD0703-391TM	390	2.940	0.26	7.3	7.3	3.5	1350
MSD0703-471TM	470	4.180	0.24	7.3	7.3	3.5	1350
MSD0703-561TM	560	4.670	0.22	7.3	7.3	3.5	1350
MSD0703-681TM	680	5.730	0.19	7.3	7.3	3.5	1350
MSD0703-821TM	820	6.540	0.18	7.3	7.3	3.5	1350
MSD0703-102TM	1000	9.440	0.16	7.3	7.3	3.5	1350

GENERAL PARAMETERS: Layout, Schematic, Packaging

Solder Pad Layout



PACKAGING

