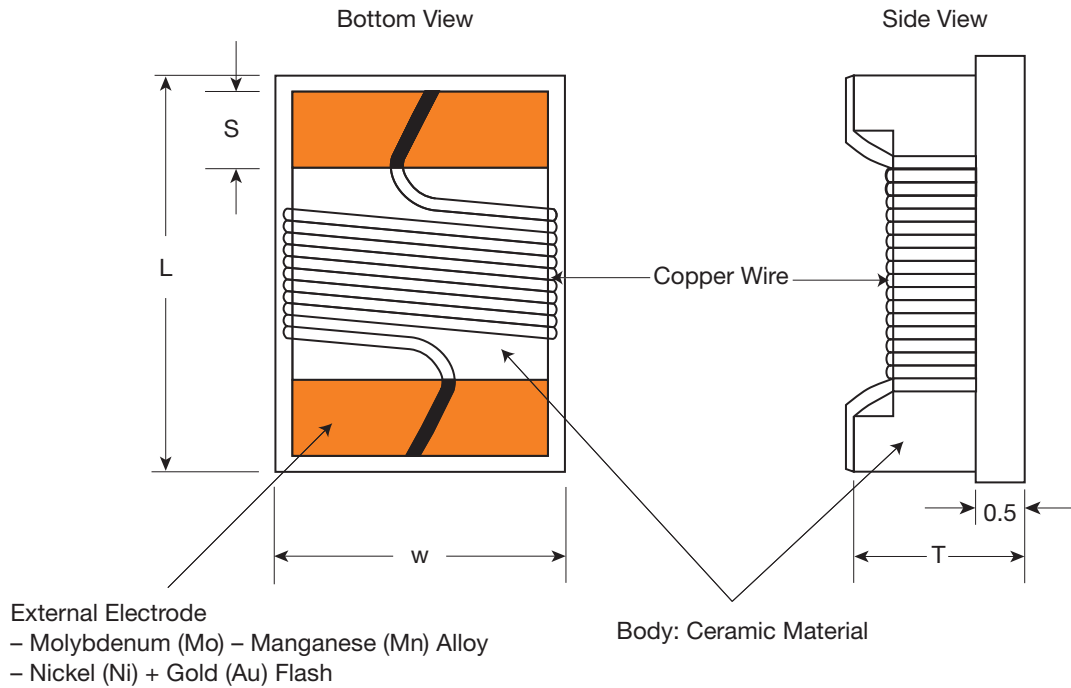


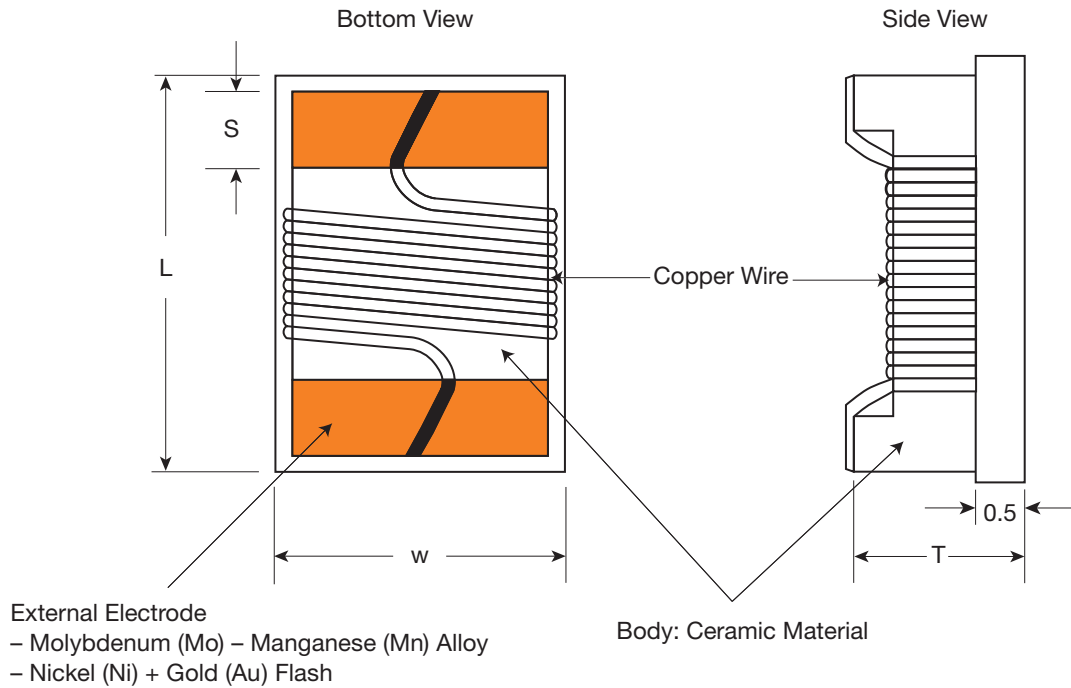
0402 MRFI Material Composition



*The color of the inductor shown is different from actual product.

PART	Material	% of Total Weight	Substance	CAS No.	Mass (mg)	Wt. %
CERAMIC BODY	Ceramic Substrate	87.42%	Aluminum Oxide (Al ₂ O ₃)	07429-90-5	0.695	88.00%
			Silicon Oxide (SiO ₂)	11126-22-0		7.00%
			Calcium Oxide (CaO)	01305-78-8		2.00%
			Magnesium Peroxide (MgO ₂)	07349-95-4		0.95%
PLATING	Gold Flash over Nickel over Mo-Mn Alloy	87.42%	Molybdenum (Mo)	7439-98-7	0.695	0.50%
			Manganese (Mn)	7439-96-5		0.50%
			Nickel (Ni)	7440-02-0		1.00%
			Gold (Au)	7440-57-5		0.05%
COPPER WIRE	E180	6.29%	Copper (Cu)	7440-50-8	0.050	100.00%
EPOXY	UV-5000	6.29%	Hydroxycyclonexyl-Ketone	000947-19-3	0.050	3.00%
			Epoxy Arcylate	42978-66-5		52.00%
			Monomer	42978-66-5		45.00%
TOTAL		100.00%			0.795	100.00%

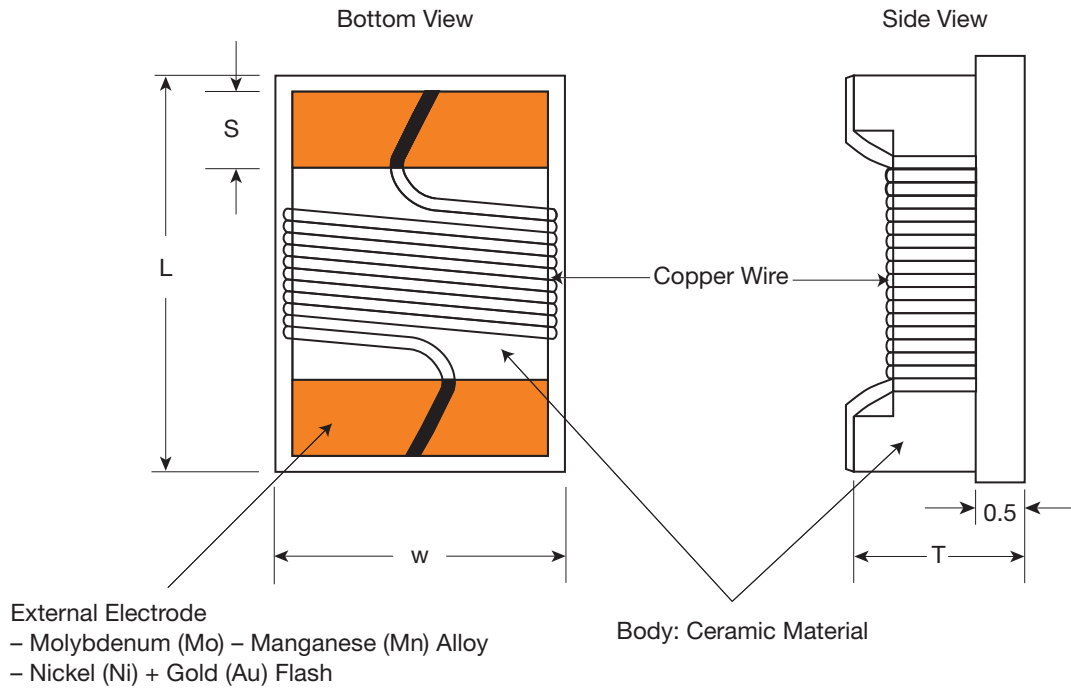
0603 MRFI Material Composition



*The color of the inductor shown is different from actual product.

PART	Material	% of Total Weight	Substance	CAS No.	Mass (mg)	Wt. %
CERAMIC BODY	Ceramic Substrate	79.60%	Aluminum Oxide (Al ₂ O ₃)	07429-90-5	3.9	88.00%
			Silicon Oxide (SiO ₂)	11126-22-0		7.00%
			Calcium Oxide (CaO)	01305-78-8		2.00%
			Magnesium Peroxide (MgO ₂)	07349-95-4		0.95%
PLATING	Gold Flash over Nickel over Mo-Mn Alloy	79.60%	Molybdenum (Mo)	7439-98-7	3.9	0.50%
			Manganese (Mn)	7439-96-5		0.50%
			Nickel (Ni)	7440-02-0		1.00%
			Gold (Au)	7440-57-5		0.05%
COPPER WIRE	E180	10.20%	Copper (Cu)	7440-50-8	0.5	100.00%
EPOXY	UV-5000	10.20%	Hydroxycyclonexyl-Ketone	000947-19-3	0.5	3.00%
			Epoxy Arcylate	42978-66-5		52.00%
			Monomer	42978-66-5		45.00%
TOTAL		100.00%			4.9	100.00%

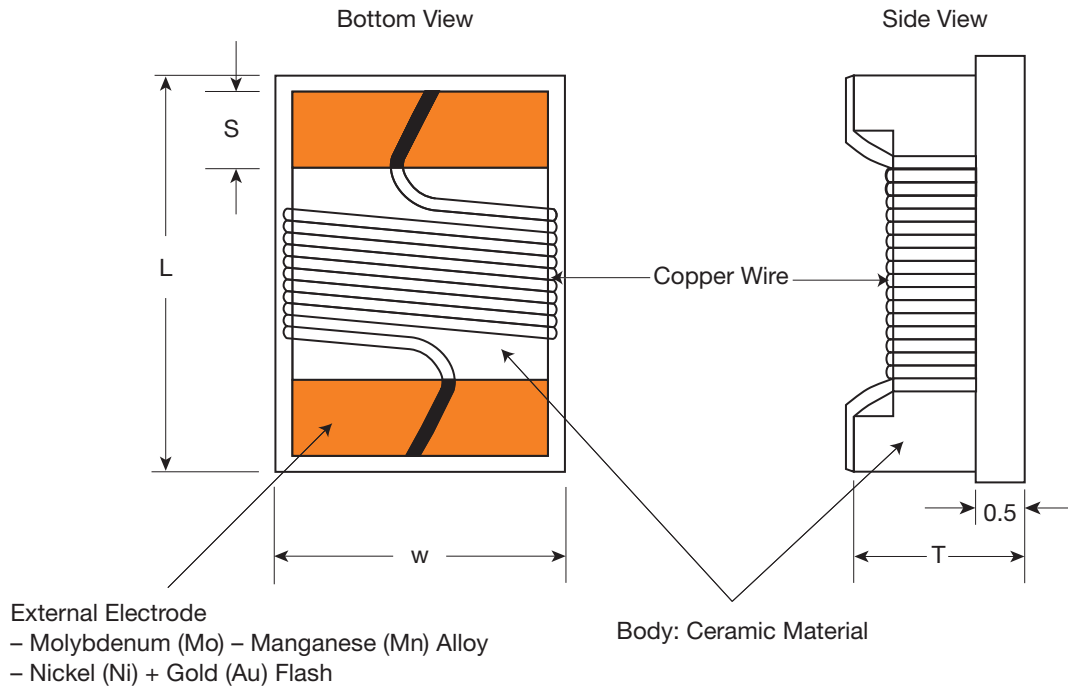
0805 MRFI Material Composition



*The color of the inductor shown is different from actual product.

PART	Material	% of Total Weight	Substance	CAS No.	Mass (mg)	Wt. %
CERAMIC BODY	Ceramic Substrate	73.8%	Aluminum Oxide (Al ₂ O ₃)	07429-90-5	6.20	88.00%
			Silicon Oxide (SiO ₂)	11126-22-0		7.00%
			Calcium Oxide (CaO)	01305-78-8		2.00%
			Magnesium Peroxide (MgO ₂)	07349-95-4		0.95%
PLATING	Gold Flash over Nickel over Mo-Mn Alloy	73.8%	Molybdenum (Mo)	7439-98-7	6.20	0.50%
			Manganese (Mn)	7439-96-5		0.50%
			Nickel (Ni)	7440-02-0		1.00%
			Gold (Au)	7440-57-5		0.05%
COPPER WIRE	E180	13.1%	Copper (Cu)	7440-50-8	1.10	100.00%
EPOXY	UV-5000	13.1%	Hydroxycyclonexyl-Ketone	000947-19-3	1.10	3.00%
			Epoxy Arcylate	42978-66-5		52.00%
			Monomer	42978-66-5		45.00%
TOTAL		100.0%			8.40	100.00%

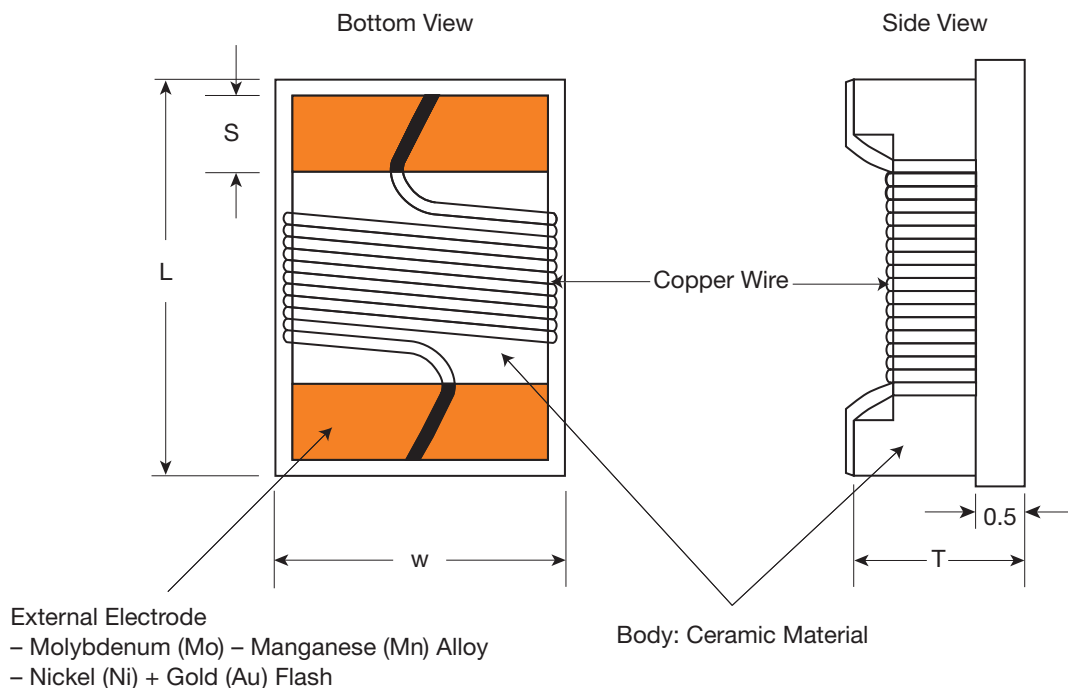
1008 MRFI Material Composition



*The color of the inductor shown is different from actual product.

PART	Material	% of Total Weight	Substance	CAS No.	Mass (mg)	Wt. %
CERAMIC BODY	Ceramic Substrate	78.0%	Aluminum Oxide (Al ₂ O ₃)	07429-90-5	19.5	88.00%
			Silicon Oxide (SiO ₂)	11126-22-0		7.00%
			Calcium Oxide (CaO)	01305-78-8		2.00%
			Magnesium Peroxide (MgO ₂)	07349-95-4		0.95%
PLATING	Gold Flash over Nickel over Mo-Mn Alloy	78.0%	Molybdenum (Mo)	7439-98-7	19.5	0.50%
			Manganese (Mn)	7439-96-5		0.50%
			Nickel (Ni)	7440-02-0		1.00%
			Gold (Au)	7440-57-5		0.05%
COPPER WIRE	E180	10.0%	Copper (Cu)	7440-50-8	2.5	100.00%
EPOXY	UV-5000	12.0%	Hydroxycyclonexyl-Ketone	000947-19-3	3.0	3.00%
			Epoxy Arcylate	42978-66-5		52.00%
			Monomer	42978-66-5		45.00%
TOTAL		100.00%			25.0	100.00%

1210 MRFI Material Composition



*The color of the inductor shown is different from actual product.

PART	Material	% of Total Weight	Substance	CAS No.	Mass (mg)	Wt. %
CERAMIC BODY	Ceramic Substrate	75.56%	Aluminum Oxide (Al ₂ O ₃)	07429-90-5	34.0	88.00%
			Silicon Oxide (SiO ₂)	11126-22-0		7.00%
			Calcium Oxide (CaO)	01305-78-8		2.00%
			Magnesium Peroxide (MgO ₂)	07349-95-4		0.95%
PLATING	Gold Flash over Nickel over Mo-Mn Alloy	75.56%	Molybdenum (Mo)	7439-98-7	34.0	0.50%
			Manganese (Mn)	7439-96-5		0.50%
			Nickel (Ni)	7440-02-0		1.00%
			Gold (Au)	7440-57-5		0.05%
COPPER WIRE	E180	11.11%	Copper (Cu)	7440-50-8	5.0	100.00%
EPOXY	UV-5000	13.33%	Hydroxycyclonexyl-Ketone	000947-19-3	6.0	3.00%
			Epoxy Arcylate	42978-66-5		52.00%
			Monomer	42978-66-5		45.00%
TOTAL		100.00%			45.0	100.00%