

MATERIAL DECLARATION SHEET



Material Number	RSI			
Product Line	Fixed Resistor			
Compliance Date	1/8/2024			
RoHS Compliant	6C	MSL	1	

RSI-1200-50

No.	Construction Element (Subpart)	Homogeneous Material	Material Weight (g)	Homogeneous Material Substance	CASRN	Material Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Resistive Material Manganese, 0.051 X 2.275" 6FT	Manganin Alloy	216.3646	Copper (Cu)	7440-50-8	86.00%	11.0364%	12.8330%
				Nickel (Ni)	7440-02-0	4.00%	0.5133%	
				Manganese (Mn)	7440-31-5	10.00%	1.2833%	
2	Base Terminal Block L/R	Brass Alloy C360	1459.9070	Copper (Cu)	7440-50-8	58.60%	50.7417%	86.5900%
				Zinc (Zn)	7440-66-6	36.80%	31.8651%	
				Lead (Pb)	7439-92-1	3.40%	2.9441%	
				Tin (Sn)	7440-31-5	0.60%	0.5195%	
4	Lead-Free Solder, Hi Temperature	Lead-Free Solder, SAC305 0.031D	2.4710	Iron (Fe)	7439-89-6	0.60%	0.5195%	0.1466%
				Copper (Cu)	7440-50-8	0.50%	0.0007%	
				Tin (Sn)	7440-31-5	96.50%	0.1414%	
5	Screws, 10-32 x 3/8"	Brass Alloy C260	5.0802	Silver (Ag)	7440-22-4	3.00%	0.0044%	0.3013%
				Copper (Cu)	7440-50-8	70.00%	0.2109%	
				Zinc (Zn)	7440-66-6	30.00%	0.0904%	
6	Washer, #10 Flat	Brass Alloy C260	1.4515	Copper (Cu)	7440-50-8	70.00%	0.0603%	0.0861%
				Zinc (Zn)	7440-66-6	30.00%	0.0258%	
7	Lock Washer, #10 Split	Silicon Bronze Alloy 651	0.7257	Copper (Cu)	7440-50-8	97.00%	0.0418%	0.0430%
				Manganese (Mn)	7440-31-5	1.00%	0.0004%	
				Silicon (Si)	7440-21-3	2.00%	0.0009%	
Total Weight			1686.0000					

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This Document was updated on: 1/8/2024

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.