

MATERIAL DECLARATION



Material Number	RSJ			
Product Line	Fixed Resistor			
Compliance Date	1/8/2024			
RoHS Compliant	Yes	MSL	1	

RSJ-1500-50

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 2.00" 6FT	Manganin Alloy	205.4773	Copper	7440-50-8	86.00%	5.3065%	6.1703%
				Nickel	7440-02-0	4.00%	0.2468%	
				Manganese	7439-96-5	10.00%	0.6170%	
2	Base Terminal Block Left	Brass Alloy C360	1557.4438	Copper	7440-50-8	58.60%	27.4065%	46.7688%
				Zinc	7440-66-6	36.80%	17.2109%	
				Lead	7439-92-1	3.40%	1.5901%	
				Tin	7440-31-5	0.60%	0.2806%	
				Iron	7439-89-6	0.60%	0.2806%	
3	Base Terminal Block Right	Brass Alloy C360	1557.4438	Copper	7440-50-8	58.60%	27.4065%	46.7688%
				Zinc	7440-66-6	36.80%	17.2109%	
				Lead	7439-92-1	3.40%	1.5901%	
				Tin	7440-31-5	0.60%	0.2806%	
				Iron	7439-89-6	0.60%	0.2806%	
4	Lead-Free Solder, Hi Temperature	Lead-Free Solder, SAC305 0.031D	2.4710	Copper	7440-50-8	0.50%	0.0004%	0.0742%
				Tin	7440-31-5	96.50%	0.0716%	
				Silver	7440-22-4	3.00%	0.0022%	
5	Screws, 10-32 x 3/8"	Brass Alloy C260	5.0802	Copper	7440-50-8	70.00%	0.1068%	0.1526%
				Zinc	7440-66-6	30.00%	0.0458%	
6		Brass Alloy C260	1.4515	Copper	7440-50-8	70.00%	0.0305%	0.0436%

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	Washer, #10 Flat			Zinc	7440-66-6	30.00%	0.0131%	
7	Lock Washer, #10 Split	Silicon Bronze Alloy 651	0.7257	Copper	7440-50-8	97.00%	0.0211%	0.0218%
				Manganese	7439-96-5	1.00%	0.0002%	
				Silicon	7440-21-3	2.00%	0.0004%	
		Total Weight	3330.0933					

This Document was updated on: 12/8/2025

Important remarks:

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