

MATERIAL DECLARATION



Material Number	RSK			
Product Line	Fixed Resistor			
Compliance Date	7/24/2024			
RoHS Compliant	Yes	MSL	1	

RSK-1000-50

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, 0.032X1.35X1.3	Manganin Alloy	54.7600	Copper	7440-50-8	86.00%	3.5117%	4.0834%
				Nickel	7440-02-0	4.00%	0.1633%	
				Manganese	7439-96-5	10.00%	0.4083%	
2	Base Terminal Block Left	Brass Alloy C360	637.7500	Copper	7440-50-8	58.60%	27.8679%	47.5561%
				Zinc	7440-66-6	36.80%	17.5006%	
				Lead	7439-92-1	3.40%	1.6169%	
				Tin	7440-31-5	0.60%	0.2853%	
				Iron	7439-89-6	0.60%	0.2853%	
3	Base Terminal Block Right	Brass Alloy C360	637.7500	Copper	7440-50-8	58.60%	27.8679%	47.5561%
				Zinc	7440-66-6	36.80%	17.5006%	
				Lead	7439-92-1	3.40%	1.6169%	
				Tin	7440-31-5	0.60%	0.2853%	
				Iron	7439-89-6	0.60%	0.2853%	
4	Lead-Free Solder, Hi Temperature	Lead-Free Solder, SAC305 0.031D	3.5300	Copper	7440-50-8	0.50%	0.0013%	0.2632%
				Tin	7440-31-5	96.50%	0.2540%	
				Silver	7440-22-4	3.00%	0.0079%	
5	Screws, 10-32 x 3/8"	Brass Alloy C260	5.0802	Copper	7440-50-8	70.00%	0.2652%	0.3788%
				Zinc	7440-66-6	30.00%	0.1136%	
6		Brass Alloy C260	1.4515	Copper	7440-50-8	70.00%	0.0758%	0.1082%

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	Washer, #10 Flat			Zinc	7440-66-6	30.00%	0.0325%	
7	Lock Washer, #10 Split	Silicon Bronze Alloy 651	0.7257	Copper	7440-50-8	97.00%	0.0525%	0.0541%
				Manganese	7439-96-5	1.00%	0.0005%	
				Silicon	7440-21-3	2.00%	0.0011%	
		Total Weight	1341.0475					

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.