

MATERIAL DECLARATION SHEET



Material Number	RSB		
Product Line	Fixed Resistor		
Compliance Date	4/22/2024		
RoHS Compliant	6C	MSL	1



RSB-200-100								
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, 0.0253 X 1.26" 6FT	Manganin Alloy	52.7100	Copper (Cu)	7440-50-8	86.00%	12.3929%	14.4103%
				Nickel (Ni)	7440-02-0	4.00%	0.5764%	
				Manganese (Mn)	7440-31-5	10.00%	1.4410%	
2	Base Terminal Block Left	Brass Alloy C360	94.3500	Copper (Cu)	7440-50-8	58.60%	15.1154%	25.7942%
				Zinc (Zn)	7440-66-6	36.80%	9.4923%	
				Lead (Pb)	7439-92-1	3.40%	0.8770%	
				Tin (Sn)	7440-31-5	0.60%	0.1548%	
3	Base Terminal Block Right	Brass Alloy C360	94.3500	Iron (Fe)	7439-89-6	0.60%	0.1548%	25.7942%
				Copper (Cu)	7440-50-8	58.60%	15.1154%	
				Zinc (Zn)	7440-66-6	36.80%	9.4923%	
				Lead (Pb)	7439-92-1	3.40%	0.8770%	
4	Solder, SAC305 0.031D	Hi Temperature Solder, PB Free	2.4700	Tin (Sn)	7440-31-5	96.50%	0.6516%	0.6753%
				Copper (Cu)	7440-50-8	0.50%	0.0034%	
				Silver (Ag)	7440-22-4	3.00%	0.0203%	
5	Screws Pan Head, 8-32 x 3/8"	Brass Alloy C260	3.3600	Copper (Cu)	7440-50-8	70.00%	0.6430%	0.9186%
				Zinc (Zn)	7440-66-6	30.00%	0.2756%	
6	Screws Flat Head, 1/4-20 x 1/2"	Brass Alloy C260	7.2600	Copper (Cu)	7440-50-8	70.00%	1.3894%	1.9848%
				Zinc (Zn)	7440-66-6	30.00%	0.5954%	
7			2.3600	Copper (Cu)	7440-50-8	70.00%	0.4516%	0.6452%

MATERIAL DECLARATION SHEET



	Washer, #8 Flat	Brass Alloy C260		Zinc (Zn)	7440-66-6	30.00%	0.1936%	
8	Lock Washer, #8 Split	Silicon Bronze Alloy 651	0.6400	Copper (Cu)	7440-50-8	97.00%	0.1697%	0.1750%
				Manganese (Mn)	7440-31-5	1.00%	0.0017%	
				Silicon (Si)	7440-21-3	2.00%	0.0035%	
9	Washer, 3/8" Flat	Brass Alloy 360	9.6200	Copper (Cu)	7440-50-8	60.80%	1.5990%	2.6300%
				Zinc (Zn)	7440-66-6	35.50%	0.9336%	
				Lead (Pb)	7439-92-1	3.35%	0.0881%	
				Iron (Fe)	7439-89-6	0.35%	0.0092%	
10	Lock Washer, 3/8" Split	Silicon Bronze Alloy 651	6.2600	Copper (Cu)	7440-50-8	97.00%	1.6601%	1.7114%
				Manganese (Mn)	7440-31-5	1.00%	0.0171%	
				Silicon (Si)	7440-21-3	2.00%	0.0342%	
11	Shunt Base, Plastic Molded	Phenolic	56.2500	Polycarbonate	25037-45-0	33.00%	5.0748%	15.3781%
				Polycarbonate	24936-68-3	33.00%	5.0748%	
				Fiber Glass	65997-17-3	30.00%	4.6134%	
				Silicone Element	63148-62-9	2.00%	0.3076%	
				Carbon Black	1333-86-4	2.00%	0.3076%	
12	Hex Cap, 3/8-16 x 5/8"	Brass Alloy C270	32.6600	Copper (Cu)	7440-50-8	65.00%	5.8038%	8.9289%
				Zinc (Zn)	7440-66-6	35.00%	3.1251%	
13	Epoxy Resin w/ Catalyst	50-3150RFRBK	3.4900	Aluminum Hydroxide	21645-51-2	57.25%	0.5462%	0.9541%
				Phenol	25068-38-6	31.25%	0.2982%	
				Diethylmethylbenzenediamine	68479-98-1	6.00%	0.0572%	
				Carbon Black	1333-86-4	0.50%	0.0048%	
				Confidential Substances	Trade secret	5.00%	0.0477%	
		Total Weight	365.7800					

This Document was updated on: 4/22/2024

Important remarks:

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