

# MATERIAL DECLARATION SHEET



Material Number	<b>RSW</b>			
Product Line	<b>Fixed Resistor</b>			
Compliance Date	<b>1/8/2024</b>			
RoHS Compliant	<b>6C</b>	MSL	<b>1</b>	

## RSW-10-50

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, 0.0253 X 2.00" 6FT	Manganin Alloy	0.2268	Copper (Cu)	7440-50-8	86.00%	0.4927%	0.5729%
				Nickel (Ni)	7440-02-0	4.00%	0.0229%	
				Manganese (Mn)	7440-31-5	10.00%	0.0573%	
2	Base Terminal Block L/R	Brass Alloy C360	33.5658	Copper (Cu)	7440-50-8	58.60%	49.6825%	84.7823%
				Zinc (Zn)	7440-66-6	36.80%	31.1999%	
				Lead (Pb)	7439-92-1	3.40%	2.8826%	
				Tin (Sn)	7440-31-5	0.60%	0.5087%	
				Iron (Fe)	7439-89-6	0.60%	0.5087%	
4	Lead-Free Solder, Hi Temperature	Lead-Free Solder, SAC305 0.031D	3.5300	Copper (Cu)	7440-50-8	0.50%	0.0446%	8.9163%
				Tin (Sn)	7440-31-5	96.50%	8.6042%	
				Silver (Ag)	7440-22-4	3.00%	0.2675%	
5	Screws, 6-32 x 1/4"	Brass Alloy C260	1.7237	Copper (Cu)	7440-50-8	70.00%	3.0476%	4.3537%
				Zinc (Zn)	7440-66-6	30.00%	1.3061%	
6	Washer, #6 Flat	Brass Alloy C260	0.5443	Copper (Cu)	7440-50-8	70.00%	0.9624%	1.3748%
				Zinc (Zn)	7440-66-6	30.00%	0.4125%	
Total Weight			39.5906					

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.