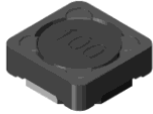


# MATERIAL DECLARATION



Material Number	SRR1240 & PM124SH Series			
Product Line	Shielded SMD Power Inductor			
Compliance Date	2020/10/29			
RoHS Compliant	YES	MSL	1	

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material\ Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	DR/RI CORE	Ferrite	1.425	Iron oxide	1309-37-1	52.0	31.530	60.64
				Zinc oxide	1314-13-2	15.0	9.096	
				Cupric oxide	1317-38-0	17.0	10.309	
				Nickel oxide	1313-99-1	16.0	9.702	
2	WIRE	Copper	0.537	Copper	7440-50-8	95.0	21.709	22.86
				Polyester Resin		5.0	1.143	
3	Base	LCP	0.200	Aromatic polyester resin	60088-52-0	65.0	5.532	8.51
				Glass fiber	65997-17-3	34.0	2.894	
				Carbon Black	1333-86-4	1.0	0.085	
		Copper	0.060	Copper (Cu)	7440-50-8	93.6	2.390	2.55
				Tin	7440-31-5	6.2	0.158	
				Phosphorus	7723-14-0	0.2	0.005	
Plating	0.006	Tin	7440-31-5	80.0	0.204	0.26		
		Nickel	7440-02-0	20.0	0.051			
4	Adhesive	Epoxy Resin	0.025	Epoxy Resin	25068-38-6	60.0	0.638	1.06
				Dicyandiamide	461-58-5	6.5	0.069	
				Poly urethane	51852-81-4	6.5	0.069	
				Carbon Black	1333-86-4	2.5	0.027	
				Silicon dioxide	14808-60-7	24.5	0.261	

# MATERIAL DECLARATION



5	Adhesive	Epoxy Resin	0.084	Epoxy Resin	25068-38-6	66.0	2.359	3.57
				Dicyandiamide	461-58-5	6.0	0.214	
				Carbon Black	1333-86-4	5.0	0.179	
				Aluminum Hydroxide	21645-51-2	23.0	0.822	
6	Tape	Tape	0.001	Meta Aramid Paper	25765-47-3	33.0	0.014	0.04
				Acrylic adhesive	-	58.0	0.025	
				Antimony trioxide	1309-64-4	4.0	0.002	
				Flame retardant	-	5.0	0.002	
7	Solder	Tin	0.012	Tin	7440-31-5	100.0	0.511	0.51
		Total weight	2.35					

**This Document was updated on: 2020/10/29**

**Important remarks:**

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