


# MATERIAL DECLARATION SHEET



Material Number		8113-RC						
Product Line		Common mode inductors(with Header)						
Compliance Date		2026/03/17						
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	CORE	A10	30.11	Iron(III) oxide	1317-60-8	70%	44.845%	64.064%
				Manganese(ii)oxide	1344-43-0	15%	9.610%	
				Zinc oxide	1314-13-2	15%	9.610%	
2	BASE	PBT-4130 VTM160-0	1.54	PBT resin	26062-94-2	45%	1.474%	3.277%
				Glass Fiber	65997-17-3	30%	0.983%	
				Flame Retardant (C18H16Br4O3)n	68928-70-1	10%	0.328%	
				Flame Retardant (C16H10Br4O3)n	71342-77-3	10%	0.328%	
				Flame Retardant Sb2O3	1309-64-4	3%	0.098%	
				Additives	NA	2%	0.0655%	
3	Wire AWG#18 1.024mm Heavy MW28C	Copper	14.7	Copper	7440-50-8	97%	30.338%	31.277%
				Polyurethane	9009-54-5	3%	0.938%	

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4	Tape	#44	0.47	Polyester Film	25038-59-9	57%	0.57%	1%
				Polyisoprene Rubber	9003-31-0	26%	0.26%	
				Tackifying Resin	68240-09-5	10%	0.1%	
				Titanium Dioxide	13463-67-7	3%	0.03%	
				P-Tert-Butylphenol-Formaldehyde Resin	Trade Secret	3%	0.03%	
				Calcium and Zinc Salts	68188-23-8	1%	0.01%	
5	Epoxy	3300A-1 LD	0.05	Epoxy resin	24969-06-0	90%	0.09%	0.106%
				Additives	280-57-9	10%	0.01%	
6	Epoxy	3300B-1 LD	0.05	Isophorone Diamine	2855-13-2	96%	0.096%	0.106%
				1,4-Diazabicyclo[2.2.2]octane	280-57-9	4%	0.004%	
7	Sn	100Sn	0.08	Tin	7440-31-5	100%	0.17%	0.17%
		Total weight	47					

This Document was updated on: 2026/3/17

## Important remarks:

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