

MATERIAL DECLARATION



Product Part Number	DV Series	
Product Line	Medium voltage varistors	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material / Substances	CASRN if applicable	Material Mass [%]	Material Mass [%] of total unit wt.	Subpart mass of total wt. [%]
1	Ceramic body	Ceramic	0.6555	Zinc oxide	1314-13-2	88.8	83.7446	94.3299
				Bismuth trioxide	1304-76-3	5.0	4.7148	
				Antimony trioxide	1309-64-4	3.0	2.8306	
				Tricobalt tetraoxide	1308-06-1	1.2	1.1322	
				Manganese-oxide	1317-35-7	0.4	0.3769	
				Chromium III oxide	1308-38-9	0.8	0.7537	
				Nickel oxide	11099-02-8	0.8	0.7537	
				Aluminium nitrate	7784-27-2	0.0	0.0234	
2	Lateral electrodes	Silver	0.0058	Silver	7440-22-4	94	0.7816	0.8315
				Glass frit, lead containing	65997-18-4	6	0.0499	
3	Ag termination	Silver	0.0336	Silver	7440-22-4	98.4	4.7616	4.8386
				Glass frit, lead containing	65997-18-4	1.6	0.0770	
		Total weight	0.6949					

This Document was updated on: November, 2020

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Presented data corresponds to part number **DV300K4032R2**, weight may change for other varistors from **DV series**.