

**Model 43 material declaration. BI Technologies Corporation**

10/3/2013

LF and non-LF option content are identical after 2/1/2005

No content is banned per E.U. RoHS. Average mass of 43 trimmer is 0.1 gram each.

Weights above 1 milligram rounded to the nearest mg. Values less than 1 milligram given in scientific notation.

Sub-component	Material	% of total mass	Substance name	CAS #	Substance Weight (grams)	Special classification
Housing	PA	41.9%	Nylon	32131-17-2	0.044	
Rotor	PPA	4.8%	polyphthalamide	unknown	0.005	
Contact	"Ni-Ag" alloy	1.0%	Ni	7440-02-0	trace	
			Cu	7440-50-8	0.001	
			Zn	7440-66-6	trace	
Terminals	Copper	10.5%	Cu	7440-50-8	0.011	
	Tin plating	1.0%	Sn	7440-31-5	0.001	
Potting	Epoxy	11.4%	diglycidyl ether bisphenol A (DGEBA) epoxy	25068-3-6	0.012	contains BPA
			antimony trioxide	1309-64-4	trace	fire retardant
Shaft	Brass	10.5%	Brass (Ni plated)	unknown	0.011	Pb in copper alloy (RoHS 6c)
Substrate	Ceramic	18.5%	alumina	1344-28-1	0.019	
Thick film element	Cermet	0.6%	Ag	7440-22-4	0.0006	
			PbO	1317-36-8	trace	Pb in electronic ceramic (RoHS 7c-1)
			trade secret	unknown	trace	non-hazardous