

Model 25 material declaration. BI Technologies Corporation

10/3/2013

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

No content here is banned per E.U. R.o.H.S.. Average mass of 25 trimmer is 0.3 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	PBT	48.1%	Polybutylene terephthalate	30965-26-5	0.159	
Rotor	PBT	7.6%	Polybutylene terephthalate	30965-26-6	0.025	
Contact	"Ni-Ag" alloy	1.8%	Ni	7440-02-0	8.00E-04	
			Cu	7440-50-8	0.0034	
			Zn	7440-66-6	0.0017	
Terminals	Copper	12.1%	Cu	7440-50-8	0.040	
	Tin plating	0.6%	Sn	7440-31-5	0.002	
Ring	Rubber	0.6%	silicone rubber	unknown	0.002	
Potting	Epoxy	10.6%	diglycidyl ether bisphenol A (DGEBA) epoxy	25068-3-6	0.034	contains BPA
			antimony trioxide	1309-64-4	0.001	fire retardant
Substrate	Ceramic	17.2%	alumina	1344-28-1	0.057	
Thick film element	Cermet	1.5%	Ag	7440-22-4	0.003	
			PbO	1317-36-8	0.001	Pb in electronic ceramic (RoHS 7c-1)
			trade secret	unknown	0.001	non-hazardous