

Model 23 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 23 trimmer is 0.1 grams 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	Polymer	25.1%	liquid crystal polymer	unknown	0.035	
Rotor	Polymer	12.2%	polyamide	unknown	0.017	
Contact	"Ni-Ag" alloy	1.1%	Ni	7440-02-0	2.80E-04	
			Cu	7440-50-8	8.70E-04	
			Zn	7440-66-6	4.30E-04	
Terminals	Copper	6.8%	Cu	7440-50-8	0.0095	
	Tin plating	0.7%	Sn	7440-31-5	0.001	
Ring	Rubber	1.1%	silicone rubber	unknown	0.0016	
Cover	Steel	16.4%	Fe	7439-89-6	0.0165	
			Cr (not VI)	7440-47-3	0.0042	
			Ni	7440-02-0	0.0021	
			Mn	7439-96-5	trace	
			Si	7440-21-3	trace	
			C	7440-44-0	trace	
			P	7723-14-0	trace	
S	7704-34-9	trace				
Substrate	Ceramic	35.8%	alumina	1344-28-1	0.050	
Thick film element	Cermet	0.7%	Ag	7440-22-4	8.00E-04	
			PbO	1317-36-8	1.00E-04	Pb in electronic ceramic (RoHS 7c-1)
			trade secret	unknown	1.00E-04	non-hazardous