

3381LF BOM-style material declaration. BI Technologies Corporation

12/17/2010

No content here is banned per E.U. R.o.H.S.. Average mass of 3381LF potentiometer is 26 grams each. Prepared by Eric Arnold (714) 447-2565
Weights in table 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 plastic blend	18.5%	PBT	26062-94-2	3.163	antimony fire retardant			
			fiberglass	65997-17-3	1.460				
			antimony oxide	1309-64-4	0.243				
	brass	16.8%	Cu	7440-50-8	2.723	Pb in copper alloy (E.U. RoHS exempt)			
			Zn	7440-66-6	1.563				
			Pb	7439-92-1	0.142				
	lubricant epoxy	0.001%	trade secret	n/a	3.00E-04	non-hazardous			
		0.04%	diglycidyl ether bisphenol-A epoxy resin		0.006	contains BPA			
	marking	0.001%	silicon dioxide	7631-86-9	0.003				
			C	7440-44-0	5.00E-04				
			C	7440-44-0	1.02E-04				
			cobalt naphthenate	61789-51-3	5.10E-06				
			cobalt neodecanonate	27253-31-2	5.10E-06				
	Ni plating	0.02%	Hexahydro-1,3-isobenzofurandione	85-42-7	2.55E-05				
trade secret			n/a	1.63E-04	non-hazardous				
Rotor	PA 66 plastic blend	8.7%	Ni	7440-02-0	0.004				
			polyhexamethylene adipamide fiberglass	32131-17-2	1.481				
Shaft	stainless steel	26.3%	trade secret	n/a	0.046	non-hazardous			
			Fe	7439-89-6	5.009				
			C	7440-44-0	0.007				
			Cr (0)	7440-47-3	1.249				
			Mn	7439-96-5	0.069				
			Ni	7440-02-0	0.555				
			P	7723-14-0	0.007				
			S	7704-34-9	0.007				
			Si	7440-21-3	0.035				
			Truarc	stainless steel	0.3%	Fe	7439-89-6	0.056	
						C	7440-44-0	7.78E-05	
Cr (0)	7440-47-3	0.014							
Mn	7439-96-5	0.001							
Ni	7440-02-0	0.006							
P	7723-14-0	7.78E-05							
S	7704-34-9	7.78E-05							
Si	7440-21-3	3.89E-04							
Contact	BeCu alloy	0.1%	Cu	7440-50-8	0.019	beryllium compound			
			Be	7440-41-7	3.23E-04				
			Ni	7440-02-0	1.90E-05				
	Pd alloy	0.01%	Co	7440-48-4	1.90E-05				
			Pd	7440-05-3	8.67E-04				
			Ag	7440-22-4	7.49E-04				
	Ni alloy	0.01%	Pt	7440-06-4	1.97E-05				
			Cu	7440-50-8	3.15E-04				
			Ni	7440-02-0	1.97E-05				
			Ni	7440-02-0	0.002				
			Cu	7440-50-8	1.00E-06				
			C	7440-44-0	1.20E-06				
			Fe	7439-89-6	3.00E-04				
			Mn	7439-96-5	5.00E-06				
			S	7704-34-9	1.00E-07				
Si	7440-21-3	1.00E-06							
Terminal	OFHC copper	2.0%	Cu	7440-50-8	0.521				
	Sn plating	0.01%	Sn	7440-31-5	0.002				
Washer	stainless steel	0.1%	Fe	7439-89-6	0.024				
			C	7440-44-0	3.31E-05				
			Cr (0)	7440-47-3	0.006				
			Mn	7439-96-5	3.31E-04				
			Ni	7440-02-0	0.003				
			Si	7440-21-3	1.65E-04				

Element	alumina	21.6%	Al2O3	1344-28-1	5.449			
			CaO	1305-78-8	0.028			
			FeO2	1345-25-1	0.028			
			MgO	1309-48-4	0.028			
			MnO2	1313-13-9	0.057			
			SiO2	7631-86-9	0.057			
			TiO2	13463-67-7	0.028			
			Marking ink	0.03%	DAIP resin	1087-21-4	0.006	
					carbon black	1333-86-4	3.60E-04	
					SiO2	7631-86-9	4.97E-04	
	Lubricant	0.001%	trade secret	n/a	2.00E-04	non-hazardous		
		Conductor	0.03%	Ag	7440-22-4	0.004		
	BiO3			1304-76-3	2.16E-04	bismuth compound		
	NiO			1313-99-1	7.42E-05			
	nonylphenol ethoxylate			68412-53-3	7.42E-05			
	Pd			7440-05-3	0.001			
	trade secret			n/a	5.80E-04	non-hazardous		
	Resistor	0.02%	DAIP resin	1087-21-4	0.003			
			C	7440-44-0	0.002			
			3-(trimethoxysilyl) propyl methacrylate	2530-85-0	5.00E-05			
			SiO2	7631-86-9	2.80E-05			
t-butyl peroxybenzoate			614-45-9	9.45E-05				
trade secret			n/a	1.27E-04	non-hazardous			
Lockwasher			spring steel	1.1%	Fe	7439-89-6	0.298	
					C	7440-44-0	0.002	
	Mn	7439-96-5			0.002			
	P	7723-14-0			9.07E-05			
	S	7704-34-9			9.07E-05			
	Ni	7440-02-0			0.004			
Nut	brass	4.4%	Cu	7440-50-8	0.726			
			Zn	7440-66-6	0.417			
Zn plating	0.02%	0.02%	Pb	7439-92-1	0.004	Pb in copper alloy (E.U. RoHS exempt)		
			Zn	7440-66-6	0.006			