MATERIAL DECLARATION SHEET

BOURNS®

Material Number	EAW0J-XXX-XXX/128L		
Product Line	Sensors & Controls		
Compliance Date	Feb 17, 2007		
RoHS Compliant	Yes	MSL	N/A

No.	Construction Element(subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material / Substances	CASRN if aplicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Hex Nut	Brass C260	1.5100	Copper	7440-50-8	70.00	13.798	19.71
				Zinc	7440-66-6	30.00	5.914	
		Plating	0.0001	Nickel	7440-02-0	100.00	0.0013	0.0013
2	Lock washer	Carbon Steel C1050	0.171	Carbon	7440-44-0	0.5	0.0112	2.23
				Iron	7439-89-6	98.7	2.203	
				Manganese	7439-96-5	0.75	0.01674	
				Phosphorus	7723-14-0	0.02	0.00045	
				Sulphur	7704-34-9	0.03	0.0007	
		Plating	0.0001	Nickel Sulfate Hexahydrate	10101-97-0	100	0.0013	0.0013
3	Ink	Ink	0.0159	DAIP Resin	1087-21-4	71.00	0.1474	0.2076
				Barium Sulfate	7727-43-7	28.00	0.0581	
				Pigment	84632-65-5	1.00	0.0021	
4	PCB Substrate	FR-4	1.5426	Copper	7440-50-8	40	8.055	20.14
				Fiber Glass Wool	65997-17-3	30	6.0413	
				Phenol, 4,4'-(1-Methylethylidene) Bis [2,6-Dibromo-, Polymer with (Chloromethyl) Oxirane and 4,4'-(1-	26265-08-7	30	6.0413	
		Copper Anode	0.13712	Copper	7440-50-8	99.99	1.7898	1.79
				Phosphorus	7723-14-0	0.01	0.0002	

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		Solder Mask	0.02571	Resin Epoxy	24969-06-0	42	0.141	0.34
				Barium sulfate	7727-43-7	40	0.1343	
				Pigment Green 7	14832-14-5	1	0.0034	
				GF-Fibre	Proprietary	3	0.0101	
				Aromatic Hydrocarbons	63231-51-6	14	0.047	
		Silkscreen	0.00514	Bisphenol A Diglycidyl Ether Homopolymer	25085-99-8	51	0.0342	0.07
				Titanium Dioxide	13463-67-7	15	0.0101	
				Talc	14807-96-6	16	0.0107	
				Tripropylene Glycol Diacrylate	42978-66-5	16	0.0107	
				Silicon Dioxide	7631-86-9	2	0.0013	
		ENIG	0.00343	Gold	7440-57-5	30	0.0134	0.04
				Nickel	7440-02-0	70	0.0313	
5	Terminal Pin	Phosphor Bronze 5% A C510 Alloy	0.109	Copper	7440-50-8	94.60	1.35	1.42
				Iron	7439-89-6	0.06	0.0009	
				Phosphorus	7723-14-0	0.19	0.0027	
				Lead	7439-92-1	0.025	0.00036	
				Tin	7440-31-5	5.00	0.071	
				Zinc (Metal)	7440-66-6	0.10	0.0014	
				Misc., Not to Declare	Proprietary	0.025	0.00036	
		Plating	0.002	Nickel	7440-02-0	100	0.026	0.026
		Plating	0.002	Tin	7440-31-5	100	0.026	0.026
6	Contact Spring	Nickel Silver C770 Spacer Strip	0.013	Copper	7440-50-8	55	0.093	0.170
				Nickel	7440-02-0	18	0.031	
				Zinc	7440-66-6	27	0.011	
		Brass C260 Laminated Back Up Strip	0.021	Copper	7440-50-8	70	0.011	0.274140699
				Zinc	7440-66-6	30	0.011	

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#	Part	Material	Weight	Substance	CASRN	%	Weight	Total
		Plating	0.0002	Tin	7440-31-5	100	0.011	0.00261
7	Rotor	Resin	1.790	Nylon 6.6 (Polyhexamethylene Adipamide)	32131-17-2	66	15.422	23.37
				Glass Fiber	65997-17-3	32	7.478	
				Molybdenum Disulfide	1317-33-5	2	0.467	
8	Housing	Resin	2.24	PBT	26062-94-2	54.25	15.864	29.24
				Glass Fiber	65997-17-3	30	8.773	
				Halogenated Compound ISO 1043-4, Not Declarable	Proprietary	9	2.632	
				Antimony Trioxide	1309-64-4	3.5	1.023	
				Carbon Black	1333-86-4	1.25	0.366	
				Further Additives, Not to Declare	Proprietary	2	0.585	
9	Oring	Silicone Rubber Compound	0.01	Siloxanes and Silicones	68083-18-1	50.8	0.066	0.131
				Silica	7631-86-9	22.6	0.030	
				Diatomaceous Earth	68855-54-9	22.6	0.030	
				Polydimethylsiloxane	70131-67-8	3.4	0.0044	
				Magnesium Distearate	557-04-0	0.6	0.0008	
10	Solder	Solder Paste	0.034	Tin	7440-31-5	95	0.422	0.44
				Silver	7440-22-4	3	0.013	
				Copper	7440-50-8	0.5	0.002	
				Misc, Not to Declare	Proprietary	1.5	0.007	
11	Lube	Lube	0.01	Decanoic Acid, Mixed Esters with Heptanoic Acid, Octanoic Acid, Trimethylolpropane	68130-53-0	54.4	0.0710	0.1305
				Lithium 12-Hydroxystearate	7620-77-1	5.7	0.0074	
				Isohexadecyl-Isooctadecanoate	52006-45-8	33.7	0.0440	
				Polyisobutylene	9003-27-4	6.2	0.0081	

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12	Lube	Lube	0.018	Methylphenylpolysiloxane	63148-52-7	68.0	0.160	0.23
				Polytetrafloroethylene	9002-84-0	32	0.075	
		Total weight	7.6603					

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Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.