


# MATERIAL DECLARATION SHEET



Product Part Number	ST-1000-ALX-SG/ST-1000-ABX-SG			
Product Line	Sparctube™ Products			
MSL	1			
RoHS Compliant	Yes	Compliance Date	11-2012	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)	Third Party Lab Analysis
				Substances	if applicable				
1	Lateral Electrodes	Tin plated Copper	0.892	Copper	7440-50-8	99.2	48.48	48.869	Pending
				Tin	7440-31-5	0.8	0.39		
2	Ceramic	Ceramic	0.3918	Aluminum oxide	1344-28-1	95	20.39	21.465	Pending
				Silicon dioxide	7631-86-9	5	1.07		
4	Brazing material	Cusil™	0.0022	Silver	7440-22-4	72	0.09	0.121	Pending
				Copper	7440-50-8	28	0.03		
5	Filler material	Gas	0.0007	Argon	7440-37-1	100	0.04	0.038	N/A
6	Marking	Blue Ink	0.0001	Ink (Proprietary mixture)	N/A	100	0.005	0.005	Pending
7	Leads	Tin plated Copper	0.5385	Copper	7440-50-8	99	29.21	29.502	Pending
				Tin	7440-31-5	1	0.30		
<b>TOTAL</b>			<b>1.8253</b>						

This Document was updated on: **Nov, 2012**

**Important remarks:**

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Lead weight may change depending on lead wire configurations.