






MATERIAL DECLARATION SHEET & SGS REPORT








Product Part Number	2036-XX-XXFLF			
Product Line	Gas Discharge Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	May-2013	

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					
1	Lateral Electrodes	Tin plated Alloy 42	0.369	Iron	7439-89-6	56.4	19.40	34.399	 Adobe Acrobat Document
				Nickel	7440-02-0	40.8	14.03		
				Tin	7440-31-5	2.8	0.96		
2	Ceramic	Ceramic	0.163	Aluminum oxide	1344-28-1	95	14.44	15.195	 Adobe Acrobat Document
				Silicon dioxide	7631-86-9	5	0.76		
3	Center Electrode	Tin plated Copper	0.227	Copper	7440-50-8	99.2	20.99	21.162	 Adobe Acrobat Document
				Nickel	7440-02-0	0.2	0.04		
				Tin	7440-31-5	0.6	0.13		
4	Brazing material	Cusil™	0.006	Silver	7440-22-4	72	0.40	0.559	 Adobe Acrobat Document
				Copper	7440-50-8	28	0.16		
5	Filler material	Gas	0.0007	Argon	7440-37-1	100	0.07	0.065	N/A

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6	Marking	Green Ink	0.001	Ink (Proprietary mixture)	N/A	100	0.09	0.093	 Adobe Acrobat Document
7	Leads	Tin plated Copper	0.15	Copper	7440-50-8	97	13.56	13.983	 Adobe Acrobat Document
				Tin	7440-31-5	3	0.42		
8	Failsafe clip	Tin plated Beryllium-copper	0.12105	Copper	7440-50-8	95.3	10.75	11.285	 Adobe Acrobat Document
				Beryllium	7440-41-7	1.9	0.21		
				Tin	7440-31-5	2.8	0.32		
9	Failsafe support	Tin plated brass	0.01645	Copper	7440-50-8	68.7	1.05	1.534	 Adobe Acrobat Document
				Zinc	7440-66-6	29.5	0.45		
				Tin	7440-31-5	1.8	0.03		
10	Failsafe solder	CASTIN alloy	0.0185	Tin	7440-31-5	96.2	1.66	1.725	 Adobe Acrobat Document
				Silver	7440-22-4	2.5	0.04		
				Copper	7440-50-8	0.8	0.01		
				Antimony	7440-36-0	0.5	0.01		
			TOTAL	1.0727					

This Document was updated on: May, 2013

Important remarks:

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