


MATERIAL DECLARATION SHEET



Material Number	GDT230E-xx-A series			
Product Line	Gas Discharge Tube			
Compliance Date	May 2024			
RoHS Compliant	Yes	MSL	1	

NO	Construction Element (subpart)	Homogeneous Materials	Material weight [g]	Homogeneous Material	CASRN	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt · (%)
				Substances	if applicable			
1	Electrode	Copper	25.6800	Copper	7440-50-8	99.970%	63.2323%	63.251%
				Traces not to declare	---	0.030%	0.0190%	
2	Ceramic Tube	Ceramic	13.8672	Aluminum oxide	1344-28-1	95.200%	32.5162%	34.156%
				Silicon dioxide	60676-86-0	3.000%	1.0247%	
				Molybdenum trioxide	1313-27-5	1.400%	0.4782%	
				Manganese powder	7439-96-5	0.400%	0.1366%	
3	Ceramic Nickel Plating	Nickel	0.0278	Nickel	7440-02-0	100.000%	0.0685%	0.068%
4	Brazing material	Silver-copper alloy	0.3300	Silver	7440-22-4	72.000%	0.5852%	0.813%
				Copper	7440-50-8	28.000%	0.2276%	
5	Printing ink	Ink(Black)	0.0020	Tribtyl phosphate	126-73-8	66.000%	0.0033%	0.005%
				Carbon Black	1333-86-4	25.000%	0.0012%	
				Others	-----	5.000%	0.0002%	
				Silica,amorphous	7631-86-9	4.000%	0.0002%	
6	Plating	Tin	0.6930	Tin	7440-31-5	99.980%	1.7066%	1.707%
				Others	---	0.020%	0.0003%	

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BOURNS[®]

Total	40.600
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This Document was updated: May 2024

Important remarks:

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