

MATERIAL DECLARATION SHEET



Product Part Number	GDT225HE-200-T2			
Product Line	Gas Discharge Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	October, 2025	

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	14.1340	Copper	7440-50-8	100.00%	67.143%	67.143%
2	Ceramic Tube	Ceramic	6.7820	Aluminum oxide	1344-28-1	95.20%	30.671%	32.218%
				Silicon dioxide	60676-86-0	3.00%	0.967%	
				Molybdenum trioxide	1313-27-5	1.40%	0.451%	
				Manganese powder	7439-96-5	0.40%	0.129%	
3	Ceramic Nickel Plating	Nickel	0.0136	Nickel	7440-02-0	100.00%	0.065%	0.065%
4	Brazing material	Silver-copper alloy	0.0400	Silver	7440-22-4	72.00%	0.137%	0.190%
				Copper	7440-50-8	28.00%	0.053%	
5	Printing ink	Ink(Black)	0.0010	Tribtyl phosphate	126-73-8	66.00%	0.003%	0.005%
				Carbon Black	1333-86-4	25.00%	0.001%	
				Others	-----	5.00%	0.000%	
				Silica,amorphous	7631-86-9	4.00%	0.000%	
6	Plating	Tin	0.0800	Tin	7440-31-5	99.98%	0.380%	0.380%
				Others	---	0.02%	0.000%	
		Total	21.0506					

This Document was updated on: October, 2025

Important remarks:

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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.