


MATERIAL DECLARATION SHEET



Material Number	GDT21 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	Iron-nickel alloy	0.023800	Iron	7439-89-6	58.000%	32.947%	56.805%
				Nickel	7440-02-0	42.000%	23.858%	
2	Ceramic Tube	Ceramic	0.014070	Aluminum oxide	1344-28-1	95.200%	31.970%	33.582%
				Silicon dioxide	60676-86-0	3.000%	1.007%	
				Molybdenum trioxid	1313-27-5	1.400%	0.470%	
				Manganese powder	7439-96-5	0.400%	0.134%	
3	Ceramic Nickel Plating	Nickel	0.000028	Nickel	7440-02-0	100.000%	0.067%	0.067%
4	Brazing material	Silver-copper alloy	0.001000	Silver	7440-22-4	72.000%	1.718%	2.387%
				Copper	7440-50-8	28.000%	0.668%	
5	Plating	Tin	0.003000	Tin	7440-31-5	99.980%	7.159%	7.160%
				Others	---	0.020%	0.001%	
			Total	0.041898				

This Document was updated: May 2024

Important remarks: It is the responsibility of the user to verify they are accessing the latest version.