

MATERIAL DECLARATION SHEET



Product Part Number	GDT35-XX-S1-XXX			
Product Line	Gas Discharge Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	Aug-2022	

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. (%)
				Substances	if applicable			
1	Lateral and Center Electrodes	Tin plated Copper	0.6201	Copper	7440-50-8	99.2	76.797	77.416
				Nickel	7440-02-0	0.2	0.155	
				Tin	7440-31-5	0.6	0.464	
2	Metallized Ceramic	Ceramic	0.1577	Aluminum oxide	1344-28-1	93.19	18.708	20.075
				Silicon dioxide	7631-86-9	4.90	0.984	
		Metallization	0.0031	Tungsten	7440-33-7	1.49	0.299	
				Nickel	7440-02-0	0.42	0.084	
3	Brazing material	Cusil™	0.0190	Silver	7440-22-4	72	1.708	2.372
				Copper	7440-50-8	28	0.664	
4	Filler material	Gas	0.0011	Argon	7440-37-1	100	0.137	0.137
TOTAL			0.8010					

This Document was updated on: **August, 2022**

Important remarks:

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