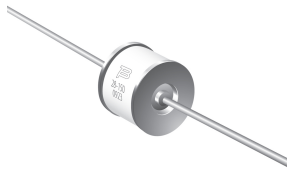


# MATERIAL DECLARATION & RoHS REPORT



Product Part Number	GDT28H-xxx-xxx			
Product Line	GDT28H Series - 2-Pole Gas Discharge Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	May-2023	

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 Electrodes	Tin plated Copper	0.8255	Copper	7440-50-8	99.2	48.36	48.75
				Tin	7440-31-5	0.8	0.39	
2	Metallized Ceramic	Ceramic	0.292	Aluminum oxide	1344-28-1	94.06	17.89	17.25
				Silicon dioxide	7631-86-9	4.95	0.941	
		Metallization	0.030	Molybdenum	7439-98-7	0.65	0.12	1.77
				Nickel	7440-02-0	0.34	0.065	
3	Brazing material	Cusil™	0.025	Silver	7440-22-4	72	1.07	1.48
				Copper	7440-50-8	28	0.41	
4	Filler material	Gas	0.0007	Nitrogen	7727-37-9	100	0.044	0.04
5	Leads	Copper	0.5044	Copper	7440-50-8	100	29.79	29.79
		Tin plate	0.0156	Tin	7440-31-5	100	0.92	0.92
<b>TOTAL</b>			<b>1.6932</b>					

This Document was updated on: **May 2023**

**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