


MATERIAL DECLARATION SHEET

BOURNS®

Product Part Number	2019-XX-SMX-LF			
Product Line	Gas Discharge FLAT™ Tube			
MSL	1			
RoHS Compliant	Yes	Compliance Date	March-2018	

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				
1	Lateral Electrodes	Tin plated Alloy 42	0.674	Iron	7439-89-6	55.7	45.59	81.845
				Nickel	7440-02-0	41.8	34.21	
				Tin	7440-31-5	2.5	2.05	
2	Metallized Ceramic	Ceramic	0.1345	Aluminum oxide	1344-28-1	91.37	14.92	16.333
				Silicon dioxide	7631-86-9	4.81	0.79	
		Metallization		Tungsten	7440-33-7	3.01	0.49	
				Nickel	7440-02-0	0.81	0.13	
3	Brazing material	Cusil™	0.015	Silver	7440-22-4	72.00	1.31	1.821
				Copper	7440-50-8	28.00	0.51	
4	Filler material	Gas	0.000007	Argon	7440-37-1	100	0.00	0.001
TOTAL			0.823507					

This Document was updated on: August, 2018

Important remarks:

1. It is the responsibility of the user to verify they are accessing the latest version.
2. Weight may change depending on lead configurations.