

MATERIAL DECLARATION SHEET



Material Number	BPS310 Series, 1 PSI Differential Pressure Sensor Uncompensated			
Product Line	Sensors			
Compliance Date	October 17, 2019			
RoHS Compliant	Yes	MSL	N/A	

No.	Construction Element (subpart)	Homogeneous Material	Material weight [g]	Homogeneous Material Substances	CASRN if applicable	Materials Mass %	Material Mass % of total unit wt.	Subpart mass of total wt. (%)
1	Ceramic substrate C	Alumina	0.881	Aluminum oxide	1344-28-1	96	65.5584	68.29
				Silicon dioxide	7631-86-9	0.33	0.2254	
				Magnesium oxide	1309-48-4	0.26	0.1775	
				Gold	7440-57-5	1	0.6829	
				Manganese dioxide	1313-13-9	0.03	0.0205	
				Silver	7440-22-4	2.351	1.6055	
				Copper oxide	1317-38-0	0.0095	0.0065	
				Lead	7439-92-1	0.01	0.0068	
				Zinc oxide	1314-13-2	0.0095	0.0065	
4	Plastic cover	PPS	0.3	Poly(1,4-Phenylene sulfide)	26125-40-6	60	13.95	23.25
				Glass fiber	65997-17-3	40	9.3	
5	Pin	Copper alloy	0.1	Tin	7440-31-5	6	0.465	7.75
				Copper	7440-50-8	94	7.285	
6	MEMS Die D	Die	0.00868	Silicon	7440-21-3	42.854	0.2871	0.67
				Aluminum	7429-90-5	0.034	0.0002	
				Glass Fiber	65997-17-3	57.123	0.3926	
7	Solder	Solder	0.00047	Tin	7440-31-5	96.15	0.0385	0.04
				Silver	7440-22-4	3.31	0.0013	
				Copper	7440-50-8	0.54	0.0002	
Total weight			1.29015					

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This Document was updated on: October 17, 2019

Important remarks:

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