



Material Content Data Sheet



Sales Product Name		BTM7750G		Issued		22. July 2019		
MA#		MA005351569						
Package		PG-DSO-28-22		Weight*		810.53 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	3.370	0.42	0.42	4157	4157
chip_2	inorganic material	silicon	7440-21-3	3.370	0.42	0.42	4157	4157
chip_3	inorganic material	silicon	7440-21-3	4.294	0.53	0.53	5298	5298
leadframe	inorganic material	phosphorus	7723-14-0	0.072	0.01		89	
	non noble metal	zinc	7440-66-6	0.288	0.04		355	
	non noble metal	iron	7439-89-6	5.754	0.71		7099	
	non noble metal	copper	7440-50-8	233.637	28.83	29.59	288251	295794
wire	non noble metal	aluminium	7429-90-5	1.593	0.20	0.20	1966	1966
encapsulation	organic material	carbon black	1333-86-4	1.099	0.14		1355	
	plastics	epoxy resin	-	78.543	9.69		96903	
	inorganic material	silicondioxide	60676-86-0	469.609	57.91	67.74	579382	677640
leadfinish	non noble metal	tin	7440-31-5	4.913	0.61	0.61	6062	6062
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.196	0.02		242	
	noble metal	silver	7440-22-4	0.678	0.08	0.10	836	1079
glue	plastics	epoxy resin	-	0.546	0.07		673	
	noble metal	silver	7440-22-4	2.573	0.32	0.39	3174	3847
*deviation	< 10%				Sum in total:		100.00	1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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