



Material Content Data Sheet



Sales Product Name		BSO612CV G		Issued		4. October 2018		
MA#		MA001726844						
Package		PG-DSO-8-7		Weight*		81.34 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	1.345	1.65	1.65	16536	16536
chip_2	inorganic material	silicon	7440-21-3	1.145	1.41	1.41	14073	14073
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		114	
	non noble metal	zinc	7440-66-6	0.037	0.05		456	
	non noble metal	iron	7439-89-6	0.742	0.91		9118	
wire	non noble metal	copper	7440-50-8	30.114	37.02	37.99	370221	379909
	noble metal	gold	7440-57-5	0.438	0.54	0.54	5385	5385
	encapsulation	organic material	carbon black	1333-86-4	0.226	0.28		2778
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.904	1.11		11111	
	plastics	brominated resin	-	0.904	1.11		11111	
	plastics	epoxy resin	-	5.197	6.39		63889	
	inorganic material	silicondioxide	60676-86-0	37.959	46.66	55.55	466669	555558
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10005	10005
plating	noble metal	silver	7440-22-4	0.541	0.67	0.67	6656	6656
glue	plastics	epoxy resin	-	0.169	0.21		2079	
	noble metal	silver	7440-22-4	0.797	0.98	1.19	9799	11878
*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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