



Material Content Data Sheet



Sales Product Name	1EDC60I12AH			Issued		28. October 2019		
MA#	MA005404504							
Package	PG-DSO-8-59			Weight*		287.06 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	0.801	0.28	0.28	2792	2792
chip_2	inorganic material	silicon	7440-21-3	0.801	0.28	0.28	2792	2792
leadframe	inorganic material	phosphorus	7723-14-0	0.025	0.01		88	
	non noble metal	zinc	7440-66-6	0.101	0.04		352	
	non noble metal	iron	7439-89-6	2.018	0.70		7031	
	non noble metal	copper	7440-50-8	81.947	28.55	29.30	285468	292939
wire	noble metal	gold	7440-57-5	0.315	0.11	0.11	1098	1098
encapsulation	organic material	carbon black	1333-86-4	0.598	0.21		2083	
	plastics	epoxy resin	-	23.316	8.12		81223	
	inorganic material	silicondioxide	60676-86-0	175.367	61.08	69.41	610902	694208
leadfinish	noble metal	palladium	7440-05-3	0.000	0.00		1	
	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		2	
	non noble metal	nickel	7440-02-0	0.496	0.17	0.17	1729	1733
plating	noble metal	silver	7440-22-4	0.000	0.00		1	
	noble metal	gold	7440-57-5	0.000	0.00		1	
	noble metal	palladium	7440-05-3	0.000	0.00		1	
	non noble metal	nickel	7440-02-0	0.052	0.02	0.02	183	186
glue	plastics	epoxy resin	-	0.305	0.11		1063	
	noble metal	silver	7440-22-4	0.915	0.32	0.43	3189	4252
*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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