

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BTF6070-2ERV	**Issued**	18. August 2019
MA#	MA005355328		
Package	PG-TDSO-14-21	**Weight***	110.88 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.675	2.41	2.41	24124	24124
leadframe	inorganic material	phosphorus	7723-14-0	0.015	0.01		134	
	non noble metal	zinc	7440-66-6	0.059	0.05		536	
	non noble metal	iron	7439-89-6	1.188	1.07		10713	
	non noble metal	copper	7440-50-8	48.235	43.51	44.64	435010	446393
wire	non noble metal	copper	7440-50-8	0.454	0.41	0.41	4095	4095
encapsulation	organic material	carbon black	1333-86-4	0.152	0.14		1372	
	plastics	epoxy resin	-	5.933	5.35		53507	
	inorganic material	silicondioxide	60676-86-0	44.624	40.24	45.73	402445	457324
leadfinish	non noble metal	tin	7440-31-5	2.346	2.12	2.12	21154	21154
plating	noble metal	silver	7440-22-4	1.364	1.23	1.23	12306	12306
glue	plastics	epoxy resin	-	0.150	0.14		1354	
	noble metal	silver	7440-22-4	0.708	0.64	0.78	6382	7736
heatspreader	inorganic material	phosphorus	7723-14-0	0.001	0.00		8	
	non noble metal	zinc	7440-66-6	0.004	0.00		32	
	non noble metal	iron	7439-89-6	0.072	0.06		645	
	non noble metal	copper	7440-50-8	2.903	2.62	2.68	26183	26868
*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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