

Material Content Data Sheet

RoHS

Sales Product Name	BFR 193 E6327	**Issued**	24. June 2021
MA#	MA001303738		
Package	PG-SOT23-3-11	**Weight***	8.79 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.000	0.01		53	
	noble metal	gold	7440-57-5	0.002	0.02		205	
	inorganic material	silicon	7440-21-3	0.016	0.18	0.21	1771	2029
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	chromium	7440-47-3	0.008	0.09		927	
	non noble metal	copper	7440-50-8	2.704	30.76	30.89	307612	308910
wire	noble metal	gold	7440-57-5	0.009	0.10	0.10	975	975
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6599	
	plastics	brominated resin	-	0.087	0.99		9899	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13198	
	plastics	epoxy resin	-	1.247	14.19		141880	
	inorganic material	silicondioxide	60676-86-0	4.293	48.82	65.98	488332	659908
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17022	17022
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11156	11156
*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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