



Material Content Data Sheet



Halogen-Free

Sales Product Name	BFR 460L3 E6327	Issued	11. April 2021
MA#	MA001792308		
Package	PG-TSLP-3-1	Weight*	0.55 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	0.09		851	
	noble metal	gold	7440-57-5	0.002	0.33		3302	
	inorganic material	silicon	7440-21-3	0.016	2.85	3.27	28503	32656
leadframe	non noble metal	nickel	7440-02-0	0.071	13.05	13.05	130489	130489
wire	noble metal	gold	7440-57-5	0.012	2.14	2.14	21353	21353
encapsulation	organic material	carbon black	1333-86-4	0.004	0.78		7828	
	inorganic material	zinc oxide	1314-13-2	0.004	0.78		7828	
	miscellaneous	miscellaneous	-	0.013	2.35		23485	
	plastics	epoxy resin	-	0.051	9.39		93944	
	inorganic material	silicon dioxide	60676-86-0	0.355	64.98	78.28	649773	782858
lead finish	noble metal	gold	7440-57-5	0.008	1.41	1.41	14125	14125
plating	noble metal	palladium	7440-05-3	0.002	0.44		4394	
	noble metal	gold	7440-57-5	0.008	1.41	1.85	14125	18519
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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