



Material Content Data Sheet



Halogen-Free

Sales Product Name	BFR 840L3RHESD E6327	Issued	24. June 2021
MA#	MA001789524		
Package	PG-TSLP-3-9	Weight*	0.51 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	0.001	0.14		1389	
	noble metal	gold	7440-57-5	0.003	0.54		5384	
	inorganic material	silicon	7440-21-3	0.024	4.74	5.42	47411	54184
leadframe	non noble metal	nickel	7440-02-0	0.131	25.92	25.92	259161	259161
wire	noble metal	gold	7440-57-5	0.009	1.84	1.84	18351	18351
encapsulation	organic material	carbon black	1333-86-4	0.003	0.61		6066	
	inorganic material	zinc oxide	1314-13-2	0.003	0.61		6066	
	miscellaneous	miscellaneous	-	0.009	1.82		18199	
	plastics	epoxy resin	-	0.037	7.28		72794	
	inorganic material	silicon dioxide	60676-86-0	0.255	50.33	60.65	503486	606611
lead finish	noble metal	gold	7440-57-5	0.011	2.10	2.10	20956	20956
plating	noble metal	palladium	7440-05-3	0.003	0.65		6518	
	noble metal	silver	7440-22-4	0.017	3.42	4.07	34219	40737
*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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