



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAR 90-02EL E6327	Issued	15. May 2021
MA#	MA005337194		
Package	PG-TSLP-2-19	Weight*	0.61 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	0.06		574	
	noble metal	gold	7440-57-5	0.001	0.22		2224	
	inorganic material	silicon	7440-21-3	0.017	2.72	3.00	27153	29951
leadframe	non noble metal	nickel	7440-02-0	0.241	39.57	39.57	395748	395748
wire	non noble metal	copper	7440-50-8	0.003	0.43	0.43	4297	4297
encapsulation	organic material	carbon black	1333-86-4	0.002	0.27		2652	
	inorganic material	zink oxide	1314-13-2	0.003	0.53		5304	
	miscellaneous	miscellaneous	-	0.005	0.80		7955	
	plastics	epoxy resin	-	0.035	5.83		58345	
	inorganic material	silicondioxide	60676-86-0	0.277	45.62	53.05	456146	530402
leadfinish	noble metal	gold	7440-57-5	0.010	1.71	1.71	17136	17136
plating	noble metal	palladium	7440-05-3	0.003	0.53		5330	
	noble metal	gold	7440-57-5	0.010	1.71	2.24	17136	22466
*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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