



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAR 90-02ELS E6327	Issued	12. July 2021
MA#	MA005337198		
Package	PG-TSSLP-2-3	Weight*	0.21 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	0.17		1662	
	noble metal	gold	7440-57-5	0.001	0.64		6440	
	inorganic material	silicon	7440-21-3	0.017	7.86	8.67	78618	86720
leadframe	non noble metal	nickel	7440-02-0	0.108	51.49	51.49	514824	514824
wire	non noble metal	copper	7440-50-8	0.001	0.69	0.69	6897	6897
encapsulation	organic material	carbon black	1333-86-4	0.000	0.17		1743	
	inorganic material	zink oxide	1314-13-2	0.001	0.35		3482	
	miscellaneous	miscellaneous	-	0.001	0.52		5225	
	plastics	epoxy resin	-	0.008	3.83		38313	
	inorganic material	silicondioxide	60676-86-0	0.063	29.95	34.82	299548	348311
leadfinish	noble metal	gold	7440-57-5	0.004	1.76	1.76	17566	17566
plating	noble metal	palladium	7440-05-3	0.001	0.61		6092	
	noble metal	gold	7440-57-5	0.004	1.96	2.57	19590	25682
*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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