



Material Content Data Sheet



Halogen-Free

Sales Product Name	BAR 64-02EL E6327	Issued	04. May 2021
MA#	MA001115932		
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	0.001	0.10		1015	
	noble metal	gold	7440-57-5	0.002	0.39		3939	
	inorganic material	silicon	7440-21-3	0.029	4.81	5.30	48065	53019
leadframe	non noble metal	nickel	7440-02-0	0.241	39.39	39.39	393864	393864
wire	non noble metal	copper	7440-50-8	0.003	0.41	0.41	4104	4104
encapsulation	organic material	carbon black	1333-86-4	0.002	0.25		2548	
	inorganic material	zink oxide	1314-13-2	0.003	0.51		5097	
	miscellaneous	miscellaneous	-	0.005	0.76		7644	
	plastics	epoxy resin	-	0.034	5.61		56055	
	inorganic material	silicondioxide	60676-86-0	0.268	43.82	50.95	438254	509598
leadfinish	noble metal	gold	7440-57-5	0.010	1.71	1.71	17055	17055
plating	noble metal	palladium	7440-05-3	0.003	0.53		5305	
	noble metal	gold	7440-57-5	0.010	1.71	2.24	17055	22360
*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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