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Material Content Data Sheet



Sales Product Name		BAR 15-1 E6327		Issued		25. September 2017		
MA#		MA000487274						
Package		PG-SOT23-3-3		Weight*		8.69 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		11	
	noble metal	gold	7440-57-5	0.009	0.11		1077	
	inorganic material	silicon	7440-21-3	0.106	1.22	1.33	12158	13246
leadframe	non noble metal	nickel	7440-02-0	1.142	13.15		131520	
	non noble metal	iron	7439-89-6	1.578	18.16	31.31	181623	313143
wire	noble metal	gold	7440-57-5	0.015	0.17	0.17	1690	1690
encapsulation	organic material	carbon black	1333-86-4	0.089	1.03		10278	
	inorganic material	antimonytrioxide	1309-64-4	0.134	1.54		15417	
	plastics	brominated resin	-	0.167	1.93		19271	
	plastics	epoxy resin	-	1.395	16.06		160596	
	inorganic material	silicondioxide	60676-86-0	3.794	43.68	64.24	436821	642383
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17228	17228
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12310	12310
*deviation	< 10%		Sum in total:			100.00		1000000

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