



Material Content Data Sheet



Sales Product Name		BC 818K-40 E6327		Issued		29. August 2013		
MA#		MA000504310						
Package		PG-SOT23-3-12		Weight*		8.99 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	0.007	0.08		786	
	non noble metal	arsenic	7440-38-2	0.000	0.00		8	
	inorganic material	silicon	7440-21-3	0.060	0.67	0.75	6709	7503
leadframe	non noble metal	chromium	7440-47-3	0.009	0.10		990	
	inorganic material	silicon	7440-21-3	0.001	0.01		66	
	non noble metal	titanium	7440-32-6	0.003	0.03		330	
	non noble metal	copper	7440-50-8	2.956	32.88	33.02	328757	330143
wire	noble metal	gold	7440-57-5	0.018	0.20	0.20	2018	2018
encapsulation	organic material	carbon black	1333-86-4	0.057	0.64		6360	
	plastics	brominated resin	-	0.086	0.95		9539	
	inorganic material	antimonytrioxide	1309-64-4	0.114	1.27		12719	
	plastics	epoxy resin	-	1.229	13.67		136731	
	inorganic material	silicondioxide	60676-86-0	4.231	47.07	63.60	470607	635956
leadfinish	non noble metal	tin	7440-31-5	0.150	1.66	1.66	16645	16645
plating	noble metal	silver	7440-22-4	0.070	0.77	0.77	7735	7735
*deviation	< 10%		Sum in total:			100,00		1000000

Important Remarks:

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