



Material Content Data Sheet



Sales Product Name		BCW 66KF E6327		Issued		29. August 2013		
MA#		MA000549946						
Package		PG-SOT23-3-16		Weight*		8.83 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		800	
	non noble metal	arsenic	7440-38-2	0.000	0.00		8	
	inorganic material	silicon	7440-21-3	0.060	0.68	0.76	6829	7637
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		932	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		310	
	non noble metal	copper	7440-50-8	2.731	30.92	31.05	309201	310505
wire	noble metal	gold	7440-57-5	0.013	0.15	0.15	1513	1513
encapsulation	organic material	carbon black	1333-86-4	0.058	0.65		6521	
	plastics	brominated resin	-	0.086	0.98		9782	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.30		13042	
	plastics	epoxy resin	-	1.238	14.02		140206	
	inorganic material	silicondioxide	60676-86-0	4.262	48.27	65.22	482569	652120
leadfinish	non noble metal	tin	7440-31-5	0.150	1.69	1.69	16944	16944
plating	noble metal	silver	7440-22-4	0.100	1.13	1.13	11281	11281
*deviation	< 10%		Sum in total:			100,00		1000000

Important Remarks:

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