



Material Content Data Sheet



Sales Product Name	IGW15T120			Issued		29. August 2013		
MA#	MA000923530							
Package	PG-TO247-3-41			Weight*		6046.92 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	5.512	0.09	0.09	911	911
leadframe	non noble metal	iron	7439-89-6	3.972	0.07		657	
	inorganic material	phosphorus	7723-14-0	1.192	0.02		197	
	non noble metal	copper	7440-50-8	3967.074	65.60	65.69	656049	656903
wire	non noble metal	aluminium	7429-90-5	4.286	0.07	0.07	709	709
encapsulation	organic material	carbon black	1333-86-4	20.009	0.33		3309	
	plastics	epoxy resin	-	380.163	6.29		62869	
	inorganic material	silicondioxide	60676-86-0	1600.687	26.47	33.09	264712	330890
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5271	5271
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4807	4807
solder	non noble metal	antimony	7440-36-0	0.308	0.01		51	
	noble metal	silver	7440-22-4	0.771	0.01		127	
	non noble metal	tin	7440-31-5	2.003	0.03	0.05	331	509
*deviation	< 10%	Sum in total:			100,00			1000000

Important Remarks:

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