



Material Content Data Sheet



Sales Product Name	IDH10S60C			Issued		29. August 2013		
MA#	MA000703446							
Package	PG-TO220-2-1			Weight*		1972.64 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	siliconcarbide	409-21-2	3.948	0.20	0.20	2001	2001
leadframe	non noble metal	iron	7439-89-6	0.753	0.04		382	
	inorganic material	phosphorus	7723-14-0	0.226	0.01		114	
	non noble metal	copper	7440-50-8	751.797	38.11	38.16	381112	381608
wire	non noble metal	aluminium	7429-90-5	2.495	0.13	0.13	1265	1265
encapsulation	organic material	carbon black	1333-86-4	9.036	0.46		4581	
	plastics	epoxy resin	-	99.400	5.04		50389	
	inorganic material	silicondioxide	60676-86-0	493.987	25.04	30.54	250419	305389
leadfinish	non noble metal	tin	7440-31-5	14.487	0.73	0.73	7344	7344
plating	non noble metal	nickel	7440-02-0	0.198	0.01		100	
	inorganic material	phosphorus	7723-14-0	0.000	0.00	0.01	0	100
solder	noble metal	silver	7440-22-4	0.152	0.01		77	
	non noble metal	tin	7440-31-5	0.122	0.01		62	
	non noble metal	lead	7439-92-1	5.810	0.29	0.31	2945	3084
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		90	
	non noble metal	iron	7439-89-6	0.590	0.03		299	
	non noble metal	copper	7440-50-8	589.466	29.88	29.92	298820	299209
*deviation	< 10%	Sum in total:				100,00		1000000

Important Remarks:

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