



Material Content Data Sheet



Sales Product Name		SKW25N120		Issued		2. August 2018		
MA#		MA001179962						
Package		PG-TO247-3-44		Weight*		6058.23 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	27.795	0.46	0.46	4588	4588
leadframe	non noble metal	iron	7439-89-6	0.530	0.01		87	
	inorganic material	phosphorus	7723-14-0	0.159	0.00		26	
	non noble metal	copper	7440-50-8	529.068	8.73	8.74	87331	87444
wire	non noble metal	aluminium	7429-90-5	7.324	0.12	0.12	1209	1209
encapsulation	organic material	carbon black	1333-86-4	19.782	0.33		3265	
	plastics	epoxy resin	-	375.852	6.20		62040	
	inorganic material	silicondioxide	60676-86-0	1582.533	26.12	32.65	261221	326526
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5261	5261
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4798	4798
solder	non noble metal	antimony	7440-36-0	1.176	0.02		194	
	noble metal	silver	7440-22-4	2.941	0.05		485	
	non noble metal	tin	7440-31-5	7.646	0.13	0.20	1262	1941
heatspreader	non noble metal	iron	7439-89-6	3.442	0.06		568	
	inorganic material	phosphorus	7723-14-0	1.033	0.02		170	
	non noble metal	copper	7440-50-8	3438.006	56.74	56.82	567495	568233
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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