



## Material Content Data Sheet



<b>Sales Product Name</b>				KP275		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001850426					
<b>Package</b>				PG-DSOF-8-162		<b>Weight*</b>		228.44 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	14.415	6.31	6.31	63101	63101	
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.00		40		
	non noble metal	zinc	7440-66-6	0.037	0.02		162		
	non noble metal	iron	7439-89-6	0.740	0.32		3238		
wire	non noble metal	copper	7440-50-8	30.034	13.15	13.49	131475	134915	
	noble metal	gold	7440-57-5	0.178	0.08	0.08	778	778	
	encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2573	
leadfinish	plastics	epoxy resin	-	21.305	9.33		93263		
	inorganic material	silicondioxide	60676-86-0	125.036	54.74	64.33	547356	643192	
	inorganic material	phosphorus	7723-14-0	0.000	0.00		2		
plating	noble metal	gold	7440-57-5	0.020	0.01		87		
	noble metal	palladium	7440-05-3	0.020	0.01		88		
	non noble metal	nickel	7440-02-0	0.196	0.09	0.11	858	1035	
	inorganic material	chromiumoxide	1308-38-9	0.170	0.07		745		
lid attach material	inorganic material	zincoxide	1314-13-2	0.397	0.17	0.24	1739	2484	
	organic material	carbon black	1333-86-4	0.005	0.00		21		
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2083		
lid	plastics	epoxy resin	-	0.500	0.22	0.43	2191	4295	
	inorganic material	glass fibre	-	5.716	2.50		25022		
	plastics	Polyphenylene Sulfide	26125-40-6	8.574	3.75	6.25	37534	62556	
glue	inorganic material	titandioxide	13463-67-7	0.026	0.01		116		
	inorganic material	alumina	1344-28-1	0.146	0.06		638		
	inorganic material	silicondioxide	60676-86-0	0.490	0.21		2144		
gel	plastics	silicone resin	-	1.986	0.87	1.15	8693	11591	
	plastics	silicone resin	-	17.373	7.61	7.61	76053	76053	
	*deviation	< 10%				Sum in total:	100.00	1000000	

### Important Remarks:

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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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