



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	KP264	<b>Issued</b>	03. June 2021
<b>MA#</b>	MA005352995		
<b>Package</b>	PG-DSOF-8-164	<b>Weight*</b>	226.40 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	9.453	4.18	4.18	41753	41753
leadframe	inorganic material	phosphorus	7723-14-0	0.009			41	
	non noble metal	zinc	7440-66-6	0.037	0.02		163	
	non noble metal	iron	7439-89-6	0.740	0.33		3267	
	non noble metal	copper	7440-50-8	30.034	13.27	13.62	132660	136131
wire	noble metal	gold	7440-57-5	0.169	0.07	0.07	745	745
encapsulation	organic material	carbon black	1333-86-4	0.588	0.26		2596	
	plastics	epoxy resin	-	21.305	9.41		94103	
	inorganic material	silicondioxide	60676-86-0	125.036	55.23	64.90	552290	648989
plating	inorganic material	chromiumoxide	1308-38-9	0.002			8	
	inorganic material	zincoxide	1314-13-2	0.004			18	26
lid attach material	organic material	carbon black	1333-86-4	0.005			22	
	inorganic material	silicondioxide	60676-86-0	0.476	0.21		2102	
	plastics	epoxy resin	-	0.500	0.22	0.43	2210	4334
lid	inorganic material	glass fibre	-	7.406	3.27		32712	
	plastics	Polyphenylene Sulfide	26125-40-6	11.109	4.91	8.18	49067	81779
glue	inorganic material	titandioxide	13463-67-7	0.022	0.01		95	
	inorganic material	alumina	1344-28-1	0.118	0.05		523	
	inorganic material	silicondioxide	60676-86-0	0.398	0.18		1760	
	plastics	silicone resin	-	1.615	0.71	0.95	7136	9514
gel	plastics	silicone resin	-	17.371	7.67	7.67	76729	76729
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

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