



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ISP2XEP10LM	<b>Issued</b>	06. February 2022
<b>MA#</b>	MA005350641		
<b>Package</b>	PG-SOT223-4-21	<b>Weight*</b>	113.51 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.004			39	
	noble metal	gold	7440-57-5	0.017	0.02		151	
	inorganic material	silicon	7440-21-3	0.261	0.23	0.25	2299	2489
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		447	
	non noble metal	chromium	7440-47-3	0.152	0.13		1340	
	non noble metal	copper	7440-50-8	50.489	44.48	44.66	444801	446677
wire	non noble metal	copper	7440-50-8	0.073	0.06	0.06	645	645
encapsulation	organic material	carbon black	1333-86-4	0.605	0.53		5328	
	plastics	epoxy resin	-	9.071	7.99		79916	
	inorganic material	silicondioxide	60676-86-0	50.799	44.77	53.29	447528	532772
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12898	12898
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4519	4519
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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