



## Material Content Data Sheet



<b>Sales Product Name</b>				DSL70 E6327		<b>Issued</b>		22. October 2018	
<b>MA#</b>				MA000787194					
<b>Package</b>				PG-SOT143-4-10		<b>Weight*</b>		11.91 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip_1	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		251		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.24	2147	2401	
chip_2	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		251		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.24	2147	2401	
chip_3	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		251		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.24	2147	2401	
chip_4	non noble metal	arsenic	7440-38-2	0.000	0.00		3		
	noble metal	gold	7440-57-5	0.003	0.03		251		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.24	2147	2401	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		84		
	non noble metal	titanium	7440-32-6	0.005	0.04		420		
	non noble metal	chromium	7440-47-3	0.015	0.13		1260		
	non noble metal	copper	7440-50-8	4.981	41.80	41.98	418162	419926	
wire	noble metal	gold	7440-57-5	0.107	0.90	0.90	8973	8973	
encapsulation	organic material	carbon black	1333-86-4	0.102	0.85		8529		
	inorganic material	antimonytrioxide	1309-64-4	0.152	1.28		12793		
	plastics	brominated resin	-	0.190	1.60		15992		
	plastics	epoxy resin	-	1.587	13.33		133265		
	inorganic material	silicondioxide	60676-86-0	4.318	36.25	53.31	362480	533059	
leadfinish	non noble metal	tin	7440-31-5	0.217	1.82	1.82	18184	18184	
plating	noble metal	silver	7440-22-4	0.122	1.03	1.03	10254	10254	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

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