

## MSL - Moisture Sensitivity Level

All SMD components from GAPTEC Electronic are suitable for lead-free soldering, provided they meet the relevant moisture sensitivity level (MSL) (according to J-STD-003B, IPC / JEDEC J-STD-020D.1).

Classification according to the current version of the J-STD-020D standard		
Treshold	Floor Life	
	Time	Condition
1	unlimited	30 °C / 85 % RH
2	1 year	30 °C / 60 % RH
2a	4 weeks	30 °C / 60 % RH
3	168 hours	30 °C / 60 % RH
4	72 hours	30 °C / 60 % RH
5	48 hours	30 °C / 60 % RH
5a	24 hours	30 °C / 60 % RH
6	„time on label“ (TOL)	30 °C / 60 % RH
N	Not moisture sensitive according JEDEC-J-STD	

Our SMD converters are subject to the MSL threshold values 1, 2 and 3. If you want specific threshold information about one of our SMD series, please contact our sales team: [sales@gaptec-electronic.com](mailto:sales@gaptec-electronic.com)