



## TOLL 物料成分表

### Material Composition Data

构成部件 Sub-part(if yes)		构成成分 Composition		CAS编号 CAS No.	化学成分%
英文名称 English	重量(mg) Weight	英文名称 English			
Die	2.75	Si	7440-21-3	100.00%	
Lead Frame	367.55	Cu	7440-50-8	BAL	
		Fe	7439-89-6	0.05-0.15	
		P	7723-14-0	0.015-0.04	
Solder	17.42	Lead	7439-92-1	>=90-<=100	
		Silver	7440-22-4	>=1-<5	
		tin	7440-31-5	>=1-<5	
Wire	15.13	Copper	7440-50-8	≥99.99%	
		Silver	7440-22-4	≤20ppm	
		other	/	≤25ppm	
		Aluminum	7429-90-5	99.99-100	
Mold Compound	335	Epoxy resin	Trade Secret	5-10	
		Phenol Resin	Trade Secret	1-5	
		Silica(Amorphous)	60676-86-0	80-100	
		Carbon black	1333-86-4	0.1-1	
Plating	0.81	Tin	7440-31-5	≥99.99%	
Total	738				

Notes: Lead in internal soft solder, ROHS exemption clause Annex 7a"lead in high melting temperature type solders" applied. Materials Disclosure Disclaimer: Even though all possible efforts have been made to provide you with the information, it is for guidance only and we cannot guarantee to its accuracy or completeness.