



Material Declaration TS4 series



Product model :
Termination Material :
Production availability :
Parts Date Code :

TS4
e1

N°	Component Description	Material Group	Substance Name	Substance CAS Number	Sum in grams*	Substance Weight in grams*	Substance Weight in %	Substance RoHS	Exemption n°
1	Contact Spring	Ni/Ag	Nickel	7440-02-0	0.002	0.00028	17.72	RoHS	
			Copper	7440-50-8		0.00087	55.06		
			Zinc	7440-66-6		0.00043	27.22		
2	Housing	Liquid crystal polymer	LCP	-	0.0349	0.0349	100.00	RoHS	
3	Rotor	Polyamide	Polyamide	-	0.0171	0.0171	100.00	RoHS	
4	Seal ring	Rubber	Silicone	-	0.0016	0.0016	100.00	RoHS	
5	Lid	Stainless steel	Iron	7439-89-6	0.0228	0.0165	72.37	RoHS	
			Chromim	7440-47-3		0.0042	18.42		
			Nickel	7440-02-0		0.0021	9.21		
			Manganese	7439-96-5		Trace	Trace		
			Silica	7440-21-3		Trace	Trace		
			Carbon	7440-44-0		Trace	Trace		
			Phosphorus	7723-14-0		Trace	Trace		
Sulfur	7704-39-9	Trace	Trace						
6	Element	Ceramic	Alumina	1344-28-1	0.0498	0.0498	100.00	RoHS	
7	Resistor/Conductor	Resistor/Conductor	Silver	7440-22-4	0.001	0.0008	80.00	RoHS	7C-1
			Lead oxide	1317-36-8		0.0001	10.00		
			Ink	-		0.0001	10.00		
8	Lead frame	Copper	Copper	3440-50-8	0.010	0.0095	100.00	RoHS	
9	Coating	Solder	Tin	7440-31-5	0.001	0.001	100.00	RoHS	

* weight information are not contractual and are subject to change

** Information for the Resistor depend on the ohmic value.