

Material Declaration



Package Type	TH
Package Size	10.4 x 23.0 mm
Terminal Finish	Matte Tin
Finish Thickness	8 microns
Weight (mg)	536.000
MSL	1

Series	CLP
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #	
Cover	Nickel Silver	Nickel (Ni)	23.252	4.338%	7440-02-0	
		Copper (Cu)	88.536	16.518%	7440-50-8	
		Iron (Fe)	0.358	0.067%	7439-89-6	
		Zinc (Zn)	29.512	5.506%	7440-66-6	
		Manganese (Mn)	0.894	0.167%	7439-96-5	
Base	SPCC	Iron (Fe)	274.462	51.206%	7439-89-6	
		Silicon (Si)	2.683	0.501%	7440-21-3	
		Carbon C	0.078	0.014%	7440-44-0	
	Kovar	Iron (Fe)	28.713	5.357%	7439-89-6	
		Nickel (Ni)	15.696	2.928%	7440-02-0	
		Cobalt (Co)	9.160	1.709%	7440-48-4	
	Solder Plating	Tin (Sn)	0.056	0.011%	7440-31-5	
	Crystal mount		Copper (Cu)	5.062	0.944%	7440-50-8
			Nickel (Ni)	1.578	0.294%	7440-02-0
			Manganese (Mn)	0.008	0.002%	7439-96-5
			Iron (Fe)	0.002	0.000%	7439-89-6
			Zinc (Zn)	2.291	0.427%	7440-66-6
	Glass	Glass Frits	8.943	1.668%	65997-18-4	
Crystal	Crystal	Silicon Dioxide (SiO2)	26.829	5.005%	14808-60-7	
	Electrode	Silver (Ag)	5.366	1.001%	7440-22-4	
	Adhesive	Silver (Ag)	9.390	1.752%	7440-22-4	
		Ethylene glycol monobutyl ether acetate	0.626	0.117%	112-07-2	
		Diethylene glycol monomethyl ether acetate	0.626	0.117%	629-38-9	
		Epoxy Resin	1.878	0.350%	129915-35-1	
	TOTAL			536.000	100.000%	



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