

# Material Declaration



Package Type	TH
Package Size	10.4 x 23.5 mm
Terminal Finish	Matte Tin
Finish Thickness	8 microns
Weight (mg)	538.000
MSL	1

Series	CLP6
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #
Cover	Nickel Silver	Nickel (Ni)	23.578	4.383%	7440-02-0
		Copper (Cu)	89.778	16.687%	7440-50-8
		Iron (Fe)	0.363	0.067%	7439-89-6
		Zinc (Zn)	29.926	5.562%	7440-66-6
		Manganese (Mn)	0.907	0.169%	7439-96-5
Base	SPCC	Iron (Fe)	274.462	51.015%	7439-89-6
		Silicon (Si)	2.683	0.499%	7440-21-3
		Carbon C	0.078	0.014%	7440-44-0
	Kovar	Iron (Fe)	28.713	5.337%	7439-89-6
		Nickel (Ni)	15.696	2.917%	7440-02-0
		Cobalt (Co)	9.160	1.703%	7440-48-4
	Solder Plating	Tin (Sn)	0.056	0.010%	7440-31-5
	Crystal mount	Copper (Cu)	5.062	0.941%	7440-50-8
		Nickel (Ni)	1.578	0.293%	7440-02-0
		Manganese (Mn)	0.008	0.001%	7439-96-5
		Iron (Fe)	0.002	0.000%	7439-89-6
		Zinc (Zn)	2.291	0.426%	7440-66-6
	Glass	Glass Frits	8.943	1.662%	65997-18-4
Crystal	Crystal	Silicon Dioxide (SiO <sub>2</sub> )	26.829	4.987%	14808-60-7
	Electrode	Silver (Ag)	5.366	0.997%	7440-22-4
	Adhesive	Silver (Ag)	9.390	1.745%	7440-22-4
		Ethylene glycol monobutyl ether acetate	0.626	0.116%	112-07-2
		Diethylene glycol monomethyl ether acetate	0.626	0.116%	629-38-9
		Epoxy Resin	1.878	0.349%	129915-35-1
	<b>TOTAL</b>			538.000	100.000%



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