

Material Declaration



Package Type	TH
Package Size	2.0 x 11.0 mm
Terminal Finish	Matte Tin
Finish Thickness	8 microns
Weight (mg)	46.000
MSL	1

Series	CTF6
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #
Cover	Nickel Silver	Copper (Cu)	14.174	30.813%	7440-50-8
		Nickel (Ni)	3.853	8.377%	7440-02-0
		Zinc (Zn)	4.087	8.884%	7440-66-6
		Iron (Fe)	0.002	0.005%	7439-89-6
		Manganese (Mn)	0.029	0.063%	7439-96-5
	Plating	Nickel (Ni)	5.189	11.280%	7440-02-0
Base	Glass	Silica Amorphous (SiO ₂)	2.854	6.204%	7631-46-1
	Kovar	Iron (Fe)	1.970	4.282%	7439-89-6
		Nickel (Ni)	1.060	2.303%	7440-02-0
		Cobalt (Co)	0.621	1.349%	7440-48-4
	Crystal Mount	Iron (Fe)	3.678	7.995%	7439-89-6
		Nickel (Ni)	2.600	5.651%	7440-02-0
	Plating	Copper (Cu)	0.086	0.187%	7440-50-8
	Plating	Tin (Sn)	1.321	2.872%	7440-31-5
Crystal	Crystal	Silicon Dioxide (SiO ₂)	2.449	5.324%	14808-60-7
	Electrode	Silver (Ag)	0.030	0.065%	7440-22-4
		Chromium (Cr)	0.002	0.005%	7440-47-3
	Solder	Silver (Ag)	0.100	0.217%	7440-22-4
		Tin (Sn)	1.896	4.122%	7440-31-5
TOTAL			46.000	100.000%	



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