

Material Declaration



Package Type	TH
Package Size	11.1 x 41.1 mm
Terminal Finish	Matte Tin
Finish Thickness	8 microns
Weight (mg)	156.000
MSL	1

Series	CTF8
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #
Cover	Nickel Silver	Copper (Cu)	63.256	40.549%	7440-50-8
		Nickel (Ni)	17.198	11.024%	7440-02-0
		Iron (Fe)	0.009	0.006%	7439-89-6
		Zinc (Zn)	18.241	11.693%	7440-66-6
		Manganese (Mn)	0.129	0.082%	7439-96-5
	Plating	Nickel (Ni)	11.250	7.212%	7440-02-0
Base	Glass	Silica Amorphous (SiO ₂)	11.335	7.266%	7631-46-1
	Kovar	Iron (Fe)	4.701	3.014%	7439-89-6
		Nickel (Ni)	2.528	1.621%	7440-02-0
		Cobalt (Co)	1.482	0.950%	7440-48-4
	Crystal Mount	Iron (Fe)	10.084	6.464%	7439-89-6
		Nickel (Ni)	7.129	4.570%	7440-02-0
	Plating	Tin (Sn)	0.949	0.608%	7440-31-5
Crystal	Crystal	Silicon Dioxide (SiO ₂)	5.230	3.352%	14808-60-7
	Electrode	Silver (Ag)	0.058	0.037%	7440-22-4
		Chromium (Cr)	0.004	0.003%	7440-47-3
	Solder	Silver (Ag)	0.120	0.077%	7440-22-4
		Tin (Sn)	2.296	1.472%	7440-31-5
TOTAL			156.000	100.000%	



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