

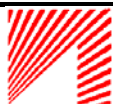
Material Declaration



Package Type	SMD
Package Size	8.7 x 3.7 mm
Terminal Finish	Matte Tin
Finish Thickness	8 microns
Weight (mg)	140.000
MSL	1

Series	CPFB
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #
Cover	Nickel Silver	Nickel (Ni)	6.771	4.8%	7440-02-0
		Copper (Cu)	24.050	17.2%	7440-50-8
		Manganese (Mn)	0.117	0.1%	7439-96-5
		Zinc (Zn)	6.654	4.8%	7440-66-6
	Nickel Plating	Nickel (Ni)	4.436	3.2%	7440-02-0
Base	Alloy 42	Iron (Fe)	2.919	2.1%	7439-89-6
		Nickel (Ni)	2.101	1.5%	7440-02-0
	Glass	Silicon Dioxide (SiO2)	3.502	2.5%	7631-46-1
	Kovar	Iron (Fe)	0.934	0.7%	7439-89-6
		Nickel (Ni)	0.467	0.3%	7440-02-0
		Cobalt (Co)	0.350	0.3%	7440-48-4
	Copper Plating	Copper (Cu)	0.117	0.1%	7440-50-8
Solder Plating	Tin (Sn)	1.051	0.8%	7440-44-0	
Plastic Mold	Epoxy Resin	Silica Fused	53.119	37.9%	60676-86-0
		Epoxy, cresol novolac	12.725	9.1%	29690-82-2
		Phenol novolac	3.502	2.5%	9003-35-4
		Antimony Trioxide (Sb2O3)	1.401	1.0%	1309-64-4
Lead Frame	Alloy 42	Iron (Fe)	5.370	3.8%	7439-89-6
		Nickel (Ni)	3.853	2.8%	7440-02-0
	Solder Plating	Tin (Sn)	5.789	4.1%	7440-31-5
Crystal	Crystal	Silicon Dioxide (SiO2)	0.385	0.3%	14464-46-1
	Electrode	Silver (Ag)	0.070	0.1%	7440-22-4
		Gold (Au)	0.292	0.2%	7440-57-5
		Chromium (Cr)	0.023	0.0%	7440-47-3
TOTAL			140.000	100.0%	



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