

Material Declaration

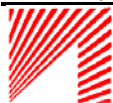


Package Type	SMD
Package Size	5 x 3.2 mm
Terminal Finish	Gold
Finish Thickness	0.5 microns
Weight (mg)	50.000
MSL	1

Series	CX532
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #
Cover	Kovar	Nickel (Ni)	2.081	4.161%	7440-02-0
		Cobalt (Co)	1.220	2.440%	7440-48-4
		Iron (Fe)	3.427	6.854%	7439-89-6
	Plating	Nickel (Ni)	0.338	0.677%	7440-02-0
Base	Ceramic	Alumina (Al2O3)	22.367	44.734%	1344-28-1
		Silicon Dioxide (SiO2)	0.888	1.775%	7631-86-9
		Chromium Oxide (Cr2O3)	0.951	1.902%	1308-38-9
		Titanium Oxide (TiO2)	0.246	0.491%	13463-67-7
	Metallization	Tungsten (W)	4.922	9.844%	7440-33-7
	Nickel Plating	Nickel (Ni)	0.634	1.268%	7440-02-0
		Cobalt (Co)	0.151	0.301%	7440-48-4
	Gold Plating	Gold (Au)	0.222	0.444%	7440-57-5
	Seal Ring	Iron (Fe)	4.914	9.828%	7439-89-6
		Nickel (Ni)	2.639	5.279%	7440-02-0
		Cobalt (Co)	1.704	3.408%	7440-48-4
	Silver solder	Silver (Ag)	1.149	2.298%	7440-22-4
		Copper (Cu)	0.206	0.412%	7440-50-8
	Crystal	Crystal	Quartz (SiO2)	1.926	3.852%
Electrode		Silver (Ag)	0.015	0.030%	7440-22-4
		Nickel (Ni)	0.000126	0.000252%	7440-02-0
Adhesive		Silver (Ag)	0.00029	0.00059%	7440-22-4
		Silicon (Si)	0.000099	0.000198%	7440-21-3
TOTAL			50.000	100.000%	

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