

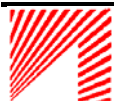
Material Declaration



Package Type	TH
Package Size	3 x 8
Terminal Finish	Matte Tin
Finish Thickness	
Weight (mg)	139.527
MSL	1

Series	CMS8
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #
Cover	Nickel Silver	Nickel (Ni)	17.01	12.1911605	7440-20-0
		Copper (Cu)	61.965	44.4106561	7440-50-8
		Iron (Fe)	0.48	0.3440186	7439-89-6
		Zinc (Zn)	17.739	12.7136388	744-66-6
		Manganese (Mn)	0.48	0.3440186	7439-96-5
Base	SPCC	Carbon C	0.01811	0.0129795	7440-44-0
		Silicon (Si)	0.003622	0.0025959	7440-21-3
		Copper (Cu)	3.61122	2.5881812	7440-50-8
	Kovar	Iron (Fe)	2.60842	1.8694690	7439-89-6
		Nickel (Ni)	1.43027	1.0250824	7440-20-0
		Cobalt (Co)	0.80967	0.5802949	7440-48-4
	Solder Plating	Tin (Sn)	13.52	9.6898583	7440-31-5
	Crystal mount	Nickel (Ni)	0.23149	0.1659102	7440-20-0
		Manganese (Mn)	0.72019	0.5161641	7439-96-5
		Iron (Fe)	0.000032	0.0000229	7439-89-6
		Zinc (Zn)	0.3311	0.2373012	744-66-6
	Crystal	Glass	Glass Frit	4.3582	3.1235459
Crystal		Silicon Dioxide (SiO2)	2.1	1.5050815	15468-32-3
Electrode		Silver (Ag)	10	7.1670550	7440-22-4
Adhesive		Silver (Ag)	2.111	1.5129653	7440-22-4
		Ethylene Glycolmonobutyl ether			112-90-0 60-29-7
		Diethylene glycol monomethyl ether acetate			107-21-1 629-31-5
		Epoxy resin			61788-97-4
TOTAL			139.527324	100	



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