

# Material Declaration



Package Type	SMD
Package Size	3.2 x 2.5 mm
Terminal Finish	Gold
Finish Thickness	0.5 microns
Weight (mg)	24.000
MSL	1

Series	CX325
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Item	Material	Element	Content (mg)	Content (wt%)	CAS #		
Cover	Alumina	Alumina (Al <sub>2</sub> O <sub>3</sub> )	8.885	37.021%	1344-28-1		
		Silicon Dioxide (SiO <sub>2</sub> )	0.092	0.382%	14808-60-7		
		Chromium Oxide (Cr <sub>2</sub> O <sub>3</sub> )	0.092	0.382%	1308-38-9		
		Manganese Dioxide (MnO <sub>2</sub> )	0.092	0.382%	1313-13-9		
	Resin	Epoxy	0.107	0.444%			
		Misc	0.107	0.444%			
Base	Ceramic	Alumina (Al <sub>2</sub> O <sub>3</sub> )	11.080	46.165%	1344-28-1		
		Silicon Dioxide (SiO <sub>2</sub> )	0.437	1.820%	14808-60-7		
		Chromium Oxide (Cr <sub>2</sub> O <sub>3</sub> )	0.469	1.953%	1308-38-9		
		Titanium Oxide (TiO <sub>2</sub> )	0.117	0.488%	13463-67-7		
		Calcium Oxide (CaO)	0.043	0.178%	1305-79-9		
		Magnesium Oxide (MgO)	0.064	0.266%	1309-48-4		
		Molybdenum (Mo)	0.043	0.178%	7439-98-7		
		Tungsten (W)	1.289	5.371%	7440-33-7		
		Nickel (Ni)	0.170	0.710%	7440-02-0		
		Gold (Au)	0.053	0.222%	7440-57-5		
		Cobalt (Co)	0.043	0.178%	7440-48-4		
		Crystal	Crystal	Silicon Dioxide (SiO <sub>2</sub> )	0.810	3.374%	14808-60-7
			Electrode	Silver (Ag)	0.0101	0.042%	7440-22-4
Nickel (Ni)	0.000084			0.000351%	7440-02-0		
Adhesive	Silver (Ag)		0.00039	0.00164%	7440-22-4		
	Silicon (Si)		0.000133	0.000555%	7440-21-3		
<b>TOTAL</b>			<b>24.000</b>	<b>100.000%</b>			



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