

Material Composition for M300-0010045

Product Information	
Part Number:	M300-0010045
Part Description:	3mm Crimp M300 contact
Part Weight (g):	0.159

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0887	1%	Copper	7440-50-8
	0.0526	2%	Zinc	7440-66-6
	0.00296	1%	Lead	7439-92-1
	0	0.000289g max	Iron (impurity only)	7439-89-6
	0	0.000289g max	Tin (impurity only)	7440-31-5
	0	0.000433g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	0.000072g max	Aluminium (impurity only)	7429-90-5
	0	0.000289g max	Other Impurities	
	0.000634	5%	Gold	7440-57-5
	0.00146	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	0.00122	10%	Copper	7440-50-8
	0.0113	2%	Copper	7440-50-8
	0.000046	1%	Beryllium	7440-41-7
	0.000209	2%	Nickel	7440-02-0
	0	0.000035g max	Cobalt (impurity only)	7440-48-4
	0	0.000012g max	Iron (impurity only)	7439-89-6
	0	0.000058g max	Other Impurities	
Contact Clip - Plating	0.000181	10%	Nickel	7440-02-0
	0.00001	5%	Gold	7440-57-5

Prepared by:



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On behalf of:

