

## Material Composition for M40-1000046

Product Information	
Part Number:	M40-1000046
Part Description:	1mm pitch Crimp
Part Weight (g):	0.00698

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.00616	5%	Copper	7440-50-8
	0.000325	1%	Tin	7440-31-5
	0.000013	0.5%	Phosphorus	7723-14-0
	0	0.000013g max	Nickel (impurity only)	7440-02-0
	0	0.000013g max	Zinc (impurity only)	7440-66-6
	0	0.000007g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000001g max	Lead (impurity only)	7439-92-1
	0	0.000033g max	Other Impurities	
	0.000214	10%	Nickel	7440-02-0
	0.000263	30%	Tin	7440-31-5

Note: Tin plating is subject to 1,000ppm max Lead impurity.

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On behalf of:

**HARWIN**