Material Composition for M40-620XX46

Product Information	
Part Number:	M40-620XX46
Part Description:	1.00mm pitch Plug Conn
Part Weight (g):	(0.00834 * XX) + 0.054

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0033 * XX	2%	Copper	7440-50-8
	0.000174 * XX	0.5%	Tin	7440-31-5
	0.000007 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000007 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000007 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000003 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000001 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000017 * XX)g max	Other Impurities	
Contact - Plating	0.00029 * XX	10%	Tin	7440-31-5
Retainers - Brass	0.0101	3%	Copper	7440-50-8
	0.00432	2%	Zinc	7440-66-6
	0	0.000008g max	Lead (impurity only)	7439-92-1
	0	0.000008g max	Iron (impurity only)	7439-89-6
	0	0.000014g max	Tin (impurity only)	7440-31-5
	0	0.000044g max	Nickel (impurity only)	7440-02-0
	0	0.000002g max	Aluminium (impurity only)	7429-90-5
	0	0.000072g max	Other Impurities	
Retainers - Plating	0.000226	10%	Nickel	7440-02-0
	0.000194	10%	Tin	7440-31-5
Moulding (total weight)	(0.00457 * XX) + 0.0392	6%	33% GF LCP	
Containing:	(0.00306 * XX) + 0.0263	6%	Liquid Crystal Polymer	
	(0.00151 * XX) + 0.0129	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

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