Material Composition for M40-600XX46

Product Information	
Part Number:	M40-600XX46
Part Description:	1.00mm pitch Skt Conn
Part Weight (g):	(0.0528 * XX) + 0.0637

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin
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	0.0036 * XX	2%	Copper	7440-50-8
	0.00019 * XX	0.5%	Tin	7440-31-5
	0.000008 * XX	0.2%	Phosphorus	7723-14-0
	0	(0.000008 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000008 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000001 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000019 * XX)g max	Other Impurities	
Contact - Plating	0.000029 * 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	0.00000g8 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)	(0.049 * XX) + 0.0489	5%	30% GF Nylon 6T	
Containing:	(0.0245 * XX) + 0.0245	5%	Nylon 6T	63428-83-1
	(0.0147 * XX) + 0.0147	5%	30% Glass Fibre	65997-17-3
	(0.00245 * XX) + 0.00245	5%	Antimony Trioxide	1309-64-4
	(0.00735 * XX) + 0.00734	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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