


Material Composition for M30-600XX46

Product Information	
Part Number:	M30-600XX46
Part Description:	1.25mm pitch Plug Conn
Part Weight (g):	(0.021 * XX) + 0.081

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 - Brass	0.00627 * XX	3%	Copper	7440-50-8
	0.00269 * XX	2%	Zinc	7440-66-6
	0	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000009 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000027 * XX)g max	Nickel (impurity only)	7440-02-0
Contact - Plating	0	(0.00002 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000002 * XX)g max	Other Impurities	
	0.000207 * XX	10%	Nickel	7440-02-0
	0.000255 * XX	10%	Tin	7440-31-5
Retainers - Phosphor Bronze	0.0322	5%	Copper	7440-50-8
	0.0017	1%	Tin	7440-31-5
	0.000068	0.5%	Phosphorus	7723-14-0
	0	0.000068g max	Nickel (impurity only)	7440-02-0
	0	0.000068g max	Zinc (impurity only)	7440-66-6
	0	0.000034g max	Iron (impurity only)	7439-89-6
Retainers - Plating	0	0.000006g max	Lead (impurity only)	7439-92-1
	0	0.00017g max	Other Impurities	
	0.000372	10%	Nickel	7440-02-0
	0.000458	20%	Tin	7440-31-5
Moulding (total weight)	(0.0116 * XX) + 0.0462	5%	30% GF Nylon 6T	
Containing:	(0.0058 * XX) + 0.0231	5%	Nylon 6T	63428-83-1
	(0.00348 * XX) + 0.0139	5%	30% Glass Fibre	65997-17-3
	(0.00058 * XX) + 0.00231	5%	Antimony Trioxide	1309-64-4
	(0.00174 * XX) + 0.00693	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Prepared by: 

Martin J Perry, BSc(Eng) MSC CEng MIET
Compliance Specialist
ComplianceTeam@harwin.co.uk

On behalf of:

