

Material Composition for M30-610XX46

Product Information	
Part Number:	M30-610XX46
Part Description:	1.25mm pitch Plug Conn
Part Weight (g):	(0.0165 * XX) + 0.0325

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	0.00427 * XX	3%	Copper	7440-50-8
	0.00183 * XX	2%	Zinc	7440-66-6
	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000003 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000006 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000018 * XX)g max	Nickel (impurity only)	7440-02-0
Contact - Plating	0	(0.000001 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000006 * XX)g max	Other Impurities	
	0.000149 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	0.000183 * XX	10%	Tin	7440-31-5
	(0.0101 * XX) + 0.0325	6%	Nylon 66	
	(0.00944 * XX) + 0.0304	6%	Polyamide 66	32131-17-2
Containing:	(0.000657 * XX) + 0.00211	6%	Melamine Cyanurate	37640-57-6
Does not contain:			Brominated Flame Retardants	
			Antimony	

Prepared by:

M. J. Perry

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

On behalf of:

HARWIN