

## Material Composition for M50-350XX42

Product Information	
Part Number:	M50-350XX42
Part Description:	1.27mm pitch Header
Part Weight (g):	0.0245 * XX

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	0.012 * XX	3%	Copper	7440-50-8
	0.00514 * XX	2%	Zinc	7440-66-6
	0	(0.000018 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000004 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000052 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000008 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000012 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000052 * XX)g max	Other Impurities	
	0.000356 * XX	10%	Nickel	7440-02-0
	0.00002 * XX	10%	Gold	7440-57-5
	0.000276 * XX	10%	Tin	7440-31-5
Moulding (total weight)	0.00674 * XX	5%	30% GF Nylon 6T	
Containing:	0.00337 * XX	5%	Nylon 6T	63428-83-1
	0.00202 * XX	5%	30% Glass Fibre	65997-17-3
	0.000337 * XX	5%	Antimony Trioxide	1309-64-4
	0.00101 * XX	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Prepared by: *M. J. Perry*

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

On behalf of: **HARWIN**