

## Material Composition for M50-363XX42

Product Information	
Part Number:	M50-363XX42
Part Description:	1.27mm pitch Header
Part Weight (g):	0.0124 * 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	0.00588 * XX	3%	Copper	7440-50-8
	0.00252 * XX	2%	Zinc	7440-66-6
	0	(0.000008 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000002 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000025 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000025 * XX)g max	Other Impurities	
	0.000105 * XX	10%	Nickel	7440-02-0
	0.000155 * XX	20%	Tin	7440-31-5
Moulding (total weight) Containing:	0.000001 * XX	30%	Gold	7440-57-5
	0.00376 * XX	6%	33% GF Nylon 9T	
	0.00162 * XX	6%	Nylon 9T	169284-22-4
	0.00124 * XX	6%	Glass Fibre	65997-17-3
	0.00079 * XX	6%	Bromopolystyrene	88497-56-7
Does not contain:	0.000113 * XX	4%	Additives (such as Heat stabilizer)	
			Antimony	

Prepared by: *M. J. Perry*

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

On behalf of:

