


## Material Composition for M50-355XX42

Product Information	
Part Number:	M50-355XX42
Part Description:	1.27mm pitch Latch Header
Part Weight (g):	(0.0699 * XX) + 0.761

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	0.0171 * XX	3%	Copper	7440-50-8
	0.00735 * XX	2%	Zinc	7440-66-6
	0	(0.000018g * XX) max	Lead (impurity only)	7439-92-1
	0	(0.000012g * XX) max	Iron (impurity only)	7439-89-6
	0	(0.000024g * XX) max	Tin (impurity only)	7440-31-5
	0	(0.000074g * XX) max	Nickel (impurity only)	7440-02-0
Contact - Plating	0	(0.000004g * XX) max	Aluminium (impurity only)	7429-90-5
	0	(0.000024g * XX) max	Other Impurities	
	0.000506 * XX	10%	Nickel	7440-02-0
	0.000004 * XX	5%	Gold	7440-57-5
	0.000332 * XX	10%	Tin	7440-31-5
Mouldings (total weight)	(0.0446 * XX) + 0.761	6%	33% GF LCP	
Containing:	(0.0299 * XX) + 0.51	6%	Liquid Crystal Polymer	
	(0.0147 * XX) + 0.251	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

Prepared by: 

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On behalf of: 