

Material Composition for M50-380XX42

Product Information	
Part Number:	M50-380XX42
Part Description:	1.27mm pitch IDC Socket
Part Weight (g):	(0.0482 * XX) + 0.0933

Process Data	
Peak Reflow (Deg. C)	n/a
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 - Phosphor Bronze	0.026 * XX	5%	Copper	7440-50-8
	0.00173 * XX	1%	Tin	7440-31-5
	0.000052 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000056 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000028 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000014 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000138 * XX)g max	Other Impurities	
Contact - Plating	0.00039 * XX	10%	Nickel	7440-02-0
	0.000004 * XX	30%	Gold	7440-57-5
	0.00033 * XX	10%	Tin	7440-31-5
Mouldings (total weight)	(0.0197 * XX) + 0.0933	5%	30% GF PBT	
Containing:	(0.00985 * XX) + 0.0467	5%	PBT	30965-26-5
	(0.00591 * XX) + 0.028	5%	30% Glass Fibre	65997-17-3
	(0.000985 * XX) + 0.00467	5%	Antimony Trioxide	1309-64-4
	(0.00296 * XX) + 0.014	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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On behalf of:

