

Material Composition for M50-315XX42

Product Information	
Part Number:	M50-315XX42R
Part Description:	1.27mm pitch Socket
Part Weight (g):	(0.0177 * XX) + 0.00486

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.

Additional weight of 0.0659g for Metal pick & place cap
(also applicable for M50-315XX42P items).

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.00765 * XX	5%	Copper	7440-50-8
	0.000404 * XX	1%	Tin	7440-31-5
	0.000016 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000016 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000016 * XX)g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	(0.000008 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000002 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00004 * XX)g max	Other Impurities	
	0.000226 * XX	10%	Nickel	7440-02-0
	0.000146 * XX	20%	Tin	7440-31-5
	0.00002 * XX	30%	Gold	7440-57-5
Moulding (total weight)	(0.00922 * XX) + 0.00486	5%	30% GF Nylon 6T	
Containing:	(0.00461 * XX) + 0.00243	5%	Nylon 6T	63428-83-1
	(0.00277 * XX) + 0.00146	5%	30% Glass Fibre	65997-17-3
	(0.000461 * XX) + 0.000243	5%	Antimony Trioxide	1309-64-4
	(0.00138 * XX) + 0.000729	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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On behalf of:

