


Material Composition for M20-791XX42R

Product Information	
Part Number:	M20-791XX42R
Part Description:	2.54mm pitch Socket
Part Weight (g):	(0.113 * XX) + 0.00859

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 subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0344 * XX	5%	Copper	7440-50-8
	0.0023 * XX	1%	Tin	7440-31-5
	0.000075 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000074 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000074 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000037 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000007 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000184 * XX)g max	Other Impurities	
	0.000433 * XX	10%	Nickel	7440-02-0
	0.000258 * XX	20%	Tin	7440-31-5
	0.000007 * XX	30%	Gold	7440-57-5
Moulding (total weight)	(0.0756 * XX) + 0.00859	6%	33% GF Nylon 9T	
Containing:	(0.0325 * XX) + 0.00369	6%	Nylon 9T	169284-22-4
	(0.0249 * XX) + 0.00283	6%	Glass Fibre	65997-17-3
	(0.0159 * XX) + 0.0018	6%	Bromopolystyrene	88497-56-7
	(0.00227 * XX) + 0.000258	4%	Additives (such as Heat stabilizer)	
Does not contain:			Antimony	

Prepared by: 

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On behalf of: 