


Material Composition for M40-320XX45R

Product Information	
Part Number:	M40-320XX45R
Part Description:	1mm pitch Pin Header
Part Weight (g):	(0.0156 * XX) + 0.0788

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

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	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1	
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6	
	0	(0.000008 * XX)g max	Tin (impurity only)	7440-31-5	
	0	(0.000026 * XX)g max	Nickel (impurity only)	7440-02-0	
Contact - Plating	0	(0.000002 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.000008 * XX)g max	Other Impurities		
	0.000146 * XX	10%	Nickel	7440-02-0	
	0.000004 * XX	5%	Gold	7440-57-5	
Moulding (total weight)	(0.00702 * XX) + 0.000854	6%	33% GF Nylon 9T		
	Containing:	(0.00302 * XX) + 0.000367	6%	Nylon 9T	169284-22-4
		(0.00232 * XX) + 0.000282	6%	Glass Fibre	65997-17-3
		(0.00147 * XX) + 0.000179	6%	Bromopolystyrene	88497-56-7
		(0.000211 * XX) + 0.000026	4%	Additives (such as Heat stabilizer)	
	Does not contain:			Antimony	
Cap (total weight)	0.0779	6%	33% GF LCP		
	Containing:	0.0522	6%	Liquid Crystal Polymer	
		0.0257	6%	Glass Fibre	65997-17-3
	Does not contain:			Other Brominated Flame Retardants	
			Antimony		

Prepared by: 

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On behalf of: 