


Material Declaration for M40-310XX45R

Product Information	
Part Number:	M40-310XX45R
Part Description:	1mm pitch SMT Socket
Part Weight (g):	(0.0104 * XX) + 0.0438

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 #
Contacts - Phosphor Bronze	0.00334 * XX	3%	Copper	7440-50-8
	0.000224 * XX	2%	Tin	7440-31-5
	0.000006 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000002 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000001 * XX)g max	Zinc (impurity only)	7440-66-6
Contacts - Plating	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000018 * XX)g max	Other Impurities	
	0.000002 * XX	5%	Gold	7440-57-5
	0.000102 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.00676 * XX) + 0.0039	6%	33% GF Nylon 9T	
Containing:	(0.00291 * XX) + 0.00168	6%	Nylon 9T	169284-22-4
	(0.00223 * XX) + 0.00129	6%	Glass Fibre	65997-17-3
	(0.00142 * XX) + 0.000819	6%	Bromopolystyrene	88497-56-7
	(0.000203 * XX) + 0.000117	4%	Additives (such as Heat stabilizer)	
Does not contain:			Antimony	
Pick and Place Cap - Stainless Steel	0.0301	4%	Iron	7439-89-6
	0.00691	2%	Chromium (Metallic)	7440-47-3
	0.00285	2%	Nickel	7440-02-0
	0	0.000061g max	Carbon (impurity only)	7440-44-0
	0	0.000813g max	Manganese (impurity only)	7439-96-5
	0	0.000406g max	Silicon (impurity only)	7440-21-3
	0	0.000014g max	Phosphorus (impurity only)	7723-14-0
	0	0.000122g max	Sulphur (impurity only)	7704-34-9

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On behalf of:

