

Material Composition for M50-310XX45

Product Information	
Part Number:	M50-310XX45
Part Description:	1.27mm pitch Socket
Part Weight (g):	0.0353 * XX

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0156 * XX	5%	Copper	7440-50-8
	0.00104 * XX	1%	Tin	7440-31-5
	0.000032 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000034 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000016 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000084 * XX)g max	Other Impurities	
	0.000578 * XX	10%	Nickel	7440-02-0
	0.000062 * XX	30%	Gold	7440-57-5
Moulding (total weight)	0.018 * XX	6%	33% GF LCP	
Containing:	0.0121 * XX	6%	Liquid Crystal Polymer	
	0.00594 * XX	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

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On behalf of:

