

Material Composition for M50-470XX45

Product Information	
Part Number:	M50-470XX45
Part Description:	1.27mm pitch Pin Header
Part Weight (g):	(0.0478 * XX) + 0.125

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	0.00944 * XX	3%	Copper	7440-50-8
	0.00405 * XX	2%	Zinc	7440-66-6
	0	(0.00001 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000006 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000014 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.00004 * XX)g max	Nickel (impurity only)	7440-02-0
Contact - Plating	0	(0.000002 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000014 * XX)g max	Other Impurities	
	0.000324 * XX	10%	Nickel	7440-02-0
	0.000036 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0339 * XX) + 0.125	6%	33% GF LCP	
Containing:	(0.0227 * XX) + 0.0838	6%	Liquid Crystal Polymer	
	(0.0112 * XX) + 0.0413	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

Prepared by:

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