Material Composition for M20-973XXXX

Product Information	
Part Number:	M20-973XX45
Part Description:	2.54mm pitch Pin Header
Part Weight (g):	0.0595 * XX

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	0.0286 * XX	3%	Copper	7440-50-8
	0.0123 * XX	2%	Zinc	7440-66-6
	0	(0.000029 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00002 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000041 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000123 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000008 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000041 * XX)g max	Other Impurities	
Contact - Plating	0.000517 * XX	10%	Nickel	7440-02-0
	0.000056 * XX	5%	Gold	7440-57-5
Moulding (total weight)	0.018 * XX	5%	30% GF Nylon 6T	
Containing:	0.009 * XX	5%	Nylon 6T	63428-83-1
	0.0054 * XX	5%	30% Glass Fibre	65997-17-3
	0.0009 * XX	5%	Antimony Trioxide	1309-64-4
	0.0027 * XX	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Product Information	
Part Number:	M20-973XX46
Part Description:	2.54mm pitch Pin Header
Part Weight (g):	0.0601 * XX

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 is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Brass	0.0286 * XX	3%	Copper	7440-50-8
	0.0123 * XX	2%	Zinc	7440-66-6
	0	(0.000029 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00002 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000041 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000123 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000008 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000041 * XX)g max	Other Impurities	
Contact - Plating	0.000517 * XX	10%	Nickel	7440-02-0
	0.000637 * XX	10%	Tin	7440-31-5
Moulding (total weight)	0.018 * XX	5%	30% GF Nylon 6T	
Containing:	0.009 * XX	5%	Nylon 6T	63428-83-1
	0.0054 * XX	5%	30% Glass Fibre	65997-17-3
	0.0009 * XX	5%	Antimony Trioxide	1309-64-4
	0.0027 * XX	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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