Material Composition for M22-251XXXX

Product Information	
Part Number:	M22-251XX05
Part Description:	2.00mm pitch Pin Header
Part Weight (g):	0.0222 * 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 - Phosphor Bronze	0.0158 * XX	2%	Copper	7440-50-8
	0.00106 * XX	0.5%	Tin	7440-31-5
	0.000042 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000034 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000034 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000017 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000003 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000084 * XX)g max	Other Impurities	
Contact - Plating	0.000278 * XX	10%	Nickel	7440-02-0
	0.00003 * XX	5%	Gold	7440-57-5
Moulding (total weight)	0.005 * XX	5%	30% GF Nylon 6T	
Containing:	0.0025 * XX	5%	Nylon 6T	63428-83-1
	0.0015 * XX	5%	30% Glass Fibre	65997-17-3
	0.00025 * XX	5%	Antimony Trioxide	1309-64-4
	0.00075 * XX	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Product Information	
Part Number:	M22-251XX46
Part Description:	2.00mm pitch Pin Header
Part Weight (g):	0.0225 * 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 - Phosphor Bronze	0.0158 * XX	2%	Copper	7440-50-8
	0.00106 * XX	0.5%	Tin	7440-31-5
	0.000042 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000034 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000034 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000017 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000003 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000084 * XX)g max	Other Impurities	
Contact - Plating	0.000278 * XX	10%	Nickel	7440-02-0
	0.000342 * XX	10%	Tin	7440-31-5
Moulding (total weight)	0.005 * XX	5%	30% GF Nylon 6T	
Containing:	0.0025 * XX	5%	Nylon 6T	63428-83-1
	0.0015 * XX	5%	30% Glass Fibre	65997-17-3
	0.00025 * XX	5%	Antimony Trioxide	1309-64-4
	0.00075 * XX	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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