

Material Composition for M22-203XXXX

Product Information	
Part Number:	M22-203XX05
Part Description:	2.00mm pitch Pin Header
Part Weight (g):	0.0278 * 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	0.0209 * XX	2%	Copper	7440-50-8
	0.0014 * XX	0.5%	Tin	7440-31-5
	0.000056 * XX	5%	Phosphorus	7723-14-0
	0	(0.000045 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000045 * XX)g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000112 * XX)g max	Other Impurities	
	0.000363 * XX	10%	Nickel	7440-02-0
	0.000039 * XX	5%	Gold	7440-57-5
Moulding (total weight)	0.005 * XX	6%	33% GF Nylon 9T	
	0.00215 * XX	6%	Nylon 9T	169284-22-4
	0.00165 * XX	6%	Glass Fibre	65997-17-3
	0.00105 * XX	6%	Bromopolystyrene	88497-56-7
	0.00015 * XX	4%	Additives (such as Heat stabilizer)	
Does not contain:			Antimony	

Product Information	
Part Number:	M22-203XX46
Part Description:	2.00mm pitch Pin Header
Part Weight (g):	0.0282 * 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	0.0209 * XX	2%	Copper	7440-50-8
	0.0014 * XX	0.5%	Tin	7440-31-5
	0.000056 * XX	5%	Phosphorus	7723-14-0
	0	(0.000045 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000045 * XX)g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000112 * XX)g max	Other Impurities	
	0.000363 * XX	10%	Nickel	7440-02-0
	0.000446 * XX	10%	Tin	7440-31-5
Moulding (total weight)	0.005 * XX	6%	33% GF Nylon 9T	
	0.00215 * XX	6%	Nylon 9T	169284-22-4
	0.00165 * XX	6%	Glass Fibre	65997-17-3
	0.00105 * XX	6%	Bromopolystyrene	88497-56-7
	0.00015 * XX	4%	Additives (such as Heat stabilizer)	
Does not contain:			Antimony	

Note: Tin plating is subject to 1,000ppm max Lead impurity.

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On behalf of:

