

Material Composition for M22-530XXXX

Product Information	
Part Number:	M22-530XX05
Part Description:	2.00mm pitch Pin Header
Part Weight (g):	(0.0458 * XX) + 0.00577

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	0.0288 * XX	2%	Copper	7440-50-8
	0.00152 * XX	0.5%	Tin	7440-31-5
	0.00006 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.00006 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000092 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.00003 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000016 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000152 * XX)g max	Other Impurities	
	0.000254 * XX	10%	Nickel	7440-02-0
	0.000012 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0152 * XX) + 0.00577	5%	30% GF Nylon 6T	
Containing:	(0.0076 * XX) + 0.00289	5%	Nylon 6T	63428-83-1
	(0.00456 * XX) + 0.00173	5%	30% Glass Fibre	65997-17-3
	(0.00076 * XX) + 0.000289	5%	Antimony Trioxide	1309-64-4
	(0.00228 * XX) + 0.000866	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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On behalf of:

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