

Material Composition for M22-543XX05

Product Information	
Part Number:	M22-543XX05
Part Description:	2mm pitch Pin Header
Part Weight (g):	(0.0704 * XX) + 0.00242

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	0.0317 * XX	3%	Copper	7440-50-8
	0.0136 * XX	2%	Zinc	7440-66-6
	0	(0.000031 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000023 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000045 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000135 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000009 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000135 * XX)g max	Other Impurities	
Contact - Plating	0.000748 * XX	10%	Nickel	7440-02-0
	0.000081 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0243 * XX) + 0.00242	6%	33% GF Nylon 9T	
Containing:	(0.0104 * XX) + 0.00104	6%	Nylon 9T	169284-22-4
	(0.00802 * XX) + 0.000799	6%	Glass Fibre	65997-17-3
	(0.0051 * XX) + 0.000508	6%	Bromopolystyrene	88497-56-7
	(0.000729 * XX) + 0.000073	4%	Additives (such as Heat stabilizer)	
Does not contain:			Antimony	

Prepared by:

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On behalf of:

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