

Material Composition for M40-301XX46


Product Information	
Part Number:	M40-301XX46
Part Description:	1.00mm pitch Header
Part Weight (g):	(0.0125 * XX) + 0.0705

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.

Note: Weights for M40-301XX46R are identical.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0041 * XX	5%	Copper	7440-50-8
	0.000216 * XX	1%	Tin	7440-31-5
	0.000009 * XX	0.50%	Phosphorus	7723-14-0
	0	(0.000009 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000009 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000001 * XX)g max	Lead (impurity only)	7439-92-1
Contact - Plating	0	(0.000009 * XX)g max	Other Impurities	
	0.000133 * XX	10%	Nickel	7440-02-0
	0.000164 * XX	10%	Tin	7440-31-5
Retainers - Phosphor Bronze	0.023	5%	Copper	7440-50-8
	0.00121	1%	Tin	7440-31-5
	0.000048	0.50%	Phosphorus	7723-14-0
	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000048g max	Zinc (impurity only)	7440-66-6
	0	0.000024g max	Iron (impurity only)	7439-89-6
	0	0.000004g max	Lead (impurity only)	7439-92-1
Retainers - Plating	0	0.000048g max	Other Impurities	
	0.000638	10%	Nickel	7440-02-0
	0.000786	10%	Tin	7440-31-5
Moulding (total weight)	(0.0079 * XX) + 0.028	6%	33% GF LCP	
Containing:	(0.00529 * XX) + 0.0188	6%	Liquid Crystal Polymer	
	(0.00261 * XX) + 0.00924	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	
Pick and Place cap (total weight)	0.0168	6%	33% GF LCP	
	0.0113	6%	Liquid Crystal Polymer	
	0.00554	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

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On behalf of:

