

Material Composition for M22-654XX42R

Product Information	
Part Number:	M22-654XX42R
Part Description:	2.00mm pitch Socket
Part Weight (g):	(0.0601 * XX) + 0.00597

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	0.0266 * XX	5%	Copper	7440-50-8
	0.00141 * XX	1%	Tin	7440-31-5
	0.000056 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000056 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000056 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000028 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000056 * XX)g max	Other Impurities	
Contact - Plating	0.00046 * XX	10%	Nickel	7440-02-0
	0.000086 * XX	20%	Tin	7440-31-5
	0.000008 * XX	30%	Gold	7440-57-5
Moulding (total weight)	(0.0315 * XX) + 0.00597	6%	33% GF LCP	
Containing:	(0.0211 * XX) + 0.004	6%	Liquid Crystal Polymer	
	(0.0104 * XX) + 0.00197	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

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