


Material Composition for M22-655XX42R

Product Information	
Part Number:	M22-655XX42R
Part Description:	2.00mm pitch Socket
Part Weight (g):	$(0.127 * XX) + 0.0117$

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	0.0617 * XX	5%	Copper	7440-50-8
	0.00325 * XX	1%	Tin	7440-31-5
	0.00013 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.00013 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.00013 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000065 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000013 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00013 * XX)g max	Other Impurities	
	0.000742 * XX	10%	Nickel	7440-02-0
	0.000645 * XX	20%	Tin	7440-31-5
	0.00001 * XX	30%	Gold	7440-57-5
Moulding (total weight)	$(0.0607 * XX) + 0.0117$	6%	33% GF LCP	
Containing:	$(0.0407 * XX) + 0.00784$	6%	Liquid Crystal Polymer	
	$(0.02 * XX) + 0.00386$	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

Prepared by: 

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Specialist
ComplianceTeam@harwin.co.uk

On behalf of:

HARWIN