

Material Composition for M58-250XX42R

Product Information	
Part Number:	M58-250XX42R
Part Description:	0.5mm pitch Female
Part Weight (g):	(0.092 * XX) + 0.117

Process Data	
Peak Reflow (Deg. C)	250°C for 5 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

NOTES:

- (1) No of contacts = XX * 10.
- (2) Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	0.0248 * XX	5%	Copper	7440-50-8
	0.00217 * XX	1%	Tin	7440-31-5
	0.000054 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000054 * XX)g max	Zinc (impurity only)	7440-66-6
Contacts - Plating	0	(0.000027 * XX)g max	Iron (impurity only)	7439-89-6
	0.00127 * XX	10%	Nickel	7440-02-0
	0.00016 * XX	20%	Tin	7440-31-5
Moulding (total weight)	0.00003 * XX	30%	Gold	7440-57-5
	(0.0635 * XX) + 0.117	6%	40% GF LCP	
Containing:	(0.0381 * XX) + 0.0702	6%	Liquid Crystal Polymer	
	(0.0254 * XX) + 0.0468	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

Prepared by: *M. J. Perry*

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

On behalf of:

