

Material Composition for M50-300XX45

Product Information	
Part Number:	M50-300XX45
Part Description:	1.27mm pitch Socket
Part Weight (g):	0.0353 * XX

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0165 * XX	5%	Copper	7440-50-8
	0.0011 * XX	1%	Tin	7440-31-5
	0.000034 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000036 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000018 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000088 * XX)g max	Other Impurities	
	0.000616 * XX	10%	Nickel	7440-02-0
Moulding (total weight) Containing:	0.000066 * XX	30%	Gold	7440-57-5
	0.017 * XX	5%	30% GF Nylon 6T	63428-83-1
	0.0085 * XX	5%	Nylon 6T	63428-83-1
	0.0051 * XX	5%	30% Glass Fibre	65997-17-3
	0.00085 * XX	5%	Antimony Trioxide	1309-64-4
	0.00255 * XX	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Prepared by: *M. J. Perry*

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

On behalf of:

HARWIN