

Material Composition for M50-2000005, M50-2020005, M50-2030005

Product Information	
Part Number:	M50-2000005, M50-2020005, M50-2030005
Part Description:	1.27mm pitch Jumper Socket
Part Weight (g):	0.0224

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.00425	5%	Copper	7440-50-8
	0.000284	1%	Tin	7440-31-5
	0.000009	0.5%	Phosphorus	7723-14-0
	0	0.000009g max	Zinc (impurity only)	7440-66-6
	0	0.000005g max	Iron (impurity only)	7439-89-6
	0	0.000002g max	Lead (impurity only)	7439-92-1
Contact - Plating	0	0.000023g max	Other Impurities	
	0.000134	10%	Nickel	7440-02-0
	0.000127	30%	Gold	7440-57-5
Moulding (total weight)	0.0176	5%	25% Glass-Filled PBT	
Containing:	0.00968	5%	PBT	30965-26-5
	0.0044	5%	25% Glass Fibre	65997-17-3
	0.00088	5%	Antimony Trioxide	1309-64-4
	0.00264	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:

