


Material Declaration for S9091-46R

Product Information	
Part Number:	S9091-46R
Part Description:	SMT PCB Socket
Part Weight (g):	0.0467

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
MSL	1
Lead Finish	100% Tin over Nickel
RoHS Compliant Mark	n/a
Availability Date	Now
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0414	2%	Copper	7440-50-8
	0.00218	1%	Tin	7440-31-5
	0.00009	0.5%	Phosphorus	7723-14-0
	0	0.000087g max	Nickel (impurity only)	7440-02-0
	0	0.000087g max	Zinc (impurity only)	7440-66-6
	0	0.000044g max	Iron (impurity only)	7439-89-6
	0	0.000009g max	Lead (impurity only)	7439-92-1
Contact - Plating	0	0.000087g max	Other Impurities	
	0.00116	10%	Nickel	7440-02-0
	0.0019	20%	Tin	7440-31-5

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Prepared by: 

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

On behalf of: 