

## Material Declaration for S9141-45R

Product Information	
Part Number:	S9141-45R
Part Description:	SMT PCB Socket
Part Weight (g):	0.0325

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
MSL	1
Lead Finish	100% Gold 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 - Beryllium Copper	0.0312	2%	Copper	7440-50-8
	0.000606	0.5%	Beryllium	7440-41-7
	0	0.000064g max	Aluminium (impurity only)	7429-90-5
	0	0.000096g max	Nickel (impurity only)	7440-02-0
	0	0.000096g max	Cobalt (impurity only)	7440-48-4
	0	0.000064g max	Iron (impurity only)	7439-89-6
	0	0.000064g max	Silicon (impurity only)	7440-21-3
Contact - Plating	0	0.00016g max	Other Impurities	
	0.000532	10%	Nickel	7440-02-0
	0.000156	10%	Gold	7440-57-5

Prepared by: *M. J. Perry*

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

On behalf of: **HARWIN**