


Material Declaration for S1951-46R

Product Information	
Part Number:	S1951-46R
Part Description:	Multi-Direction Spring Contact
Part Weight (g):	0.116

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Base Material - Beryllium Copper	0.107	2%	Copper	7440-50-8
	0.00208	1%	Beryllium	7440-41-7
	0	0.000328g max	Nickel (impurity only)	7440-02-0
	0	0.000328g max	Cobalt (impurity only)	7440-48-4
	0	0.000218g max	Iron (impurity only)	7439-89-6
	0	0.000218g max	Aluminium (impurity only)	7429-90-5
	0	0.000218g max	Silicon (impurity only)	7440-21-3
	0	0.000546g max	Other Impurities	
Plating	0.00321	10%	Nickel	7440-02-0
	0.00395	5%	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
ComplianceTeam@harwin.co.uk

On behalf of: **HARWIN**