

Material Declaration for S13-503

Product Information	
Part Number:	S13-503
Part Description:	Spring Probe Sleeve
Part Weight (g):	0.0269

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Base Material - Phosphor Bronze	0.0243	4%	Copper	7440-50-8
	0.00128	2%	Tin	7440-31-5
	0.000051	1%	Phosphorus	7723-14-0
	0	0.000005g max	Lead (impurity only)	7439-92-1
	0	0.000051g max	Zinc (impurity only)	7440-66-6
	0	0.000026g max	Iron (impurity only)	7439-89-6
	0	0.000051g max	Nickel (impurity only)	7440-02-0
	0	0.000128g max	Other Impurities	-
Plating	0.00115	10%	Nickel	7440-02-0
	0.000166	20%	Gold	7440-57-5

Prepared by: *M. J. Perry*

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

On behalf of:

