

## Material Composition for S8081-46R

Product Information	
Part Number:	S8081-46R
Part Description:	SMT Clip for removable bar
Part Weight (g):	0.00642

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Stainless Steel	0.0046	5%	Iron	7439-89-6
	0.00103	2%	Chromium (Metallic)	7440-47-3
	0.000424	2%	Nickel	7440-02-0
	0	0.000009g max	Carbon (impurity only)	7440-44-0
	0	0.000061g max	Silicon (impurity only)	7440-21-3
	0	0.000121g max	Manganese (impurity only)	7439-96-5
	0	0.000003g max	Phosphorus (impurity only)	7723-14-0
Contact - Plating	0	0.000002g max	Sulphur (impurity only)	7704-34-9
	0.000138	10%	Nickel	7440-02-0
	0.000226	10%	Tin	7440-31-5

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

Prepared by:

*M. J. Perry*

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

On behalf of:

**HARWIN**