

Material Composition for SOX-46

Product Information	
Part Number:	S07-46
Part Description:	23mm Removable Bar
Part Weight (g):	0.0799

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 #
Contact - Phosphor Bronze	0.0734	2%	Copper	7440-50-8
	0.00386	0.5%	Tin	7440-31-5
	0.000025	0.5%	Phosphorus	7723-14-0
	0	0.000154g max	Zinc (impurity only)	7440-66-6
	0	0.000077g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000015g max	Lead (impurity only)	7439-92-1
	0.00113	10%	Nickel	7440-02-0
	0.00149	10%	Tin	7440-31-5

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

Product Information	
Part Number:	S08-46
Part Description:	15mm Removable Bar
Part Weight (g):	0.0518

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 #
Contact - Phosphor Bronze	0.0476	2%	Copper	7440-50-8
	0.00251	0.5%	Tin	7440-31-5
	0.000017	0.5%	Phosphorus	7723-14-0
	0	0.0001g max	Zinc (impurity only)	7440-66-6
	0	0.00003g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.00001g max	Lead (impurity only)	7439-92-1
	0.000739	10%	Nickel	7440-02-0
	0.000971	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**