

Material Composition for S8401-46

Product Information	
Part Number:	S8401-46
Part Description:	Battery Coin Cell Holder/Retainer
Part Weight (g):	1.018

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
MSL	1
Lead Finish	100% Tin over Nickel
RoHS Compliant Mark	n/a
Availability Date	Now
RoHS Compliant? (Y/N)	Yes

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	0.294	3%	Copper	7440-50-8
	0.0257	2%	Tin	7440-31-5
	0.00064	0.5%	Phosphorus	7723-14-0
	0	0.00026g max	Iron (impurity only)	7439-89-6
	0	0.0002g max	Lead (impurity only)	7439-92-1
	0	0.00048g max	Zinc (impurity only)	7440-66-6
Contacts - Plating	0.001	10%	Nickel	7440-02-0
	0.001	10%	Tin	7440-31-5
Moulding (total weight)	0.696	5%	30% GF PA46	
Containing:	0.348	10%	PA46	50327-22-5
	0.209	3%	Glass Fibre	65997-17-3
	0.0348	2%	Antimony Trioxide	1309-64-4
	0.104	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Prepared by:

M. J. Perry

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

On behalf of:

HARWIN