



SAMTEC USA

520 PARK EAST BLVD
 NEW ALBANY IN 47150-7251
 UNITED STATES
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Part Composition Analysis: SL-103-G-12

Mass: 0.10826g

Body Material

Material: Valox 420 SEO
Mass: 0.03000g
% of Total: 27.71%
PPM: 277111
MSDS Identification: Polybutylene Terephthalate

Note: This information is proprietary to SABIC Innovative Plastics.

Pin Material

Material: Brass (lead) C360
Mass: 0.00114g
% of Total: 1.05%
PPM: 10530
CAS Number:
MSDS Identification:

Constituents of Material

Material	Mass	% of Mat.	PPM	CAS
Copper	0.00070g	61.50	6466	7440-50-8
Zinc	0.00040g	35.40	3695	7440-66-6
Lead	0.00004g	3.10	369	7439-92-1

Plating Material

Material: Nickel Underplating
Mass: 0.00001g
% of Total: 0.01%
PPM: 92
CAS Number: 7440-02-0
MSDS Identification: Elemental Nickel

Constituents of Material

Material	Mass	% of Mat.	PPM	CAS
Nickel	0.00001g	100.00	92	7440-02-0

Material: Gold
Mass: 0.00001g
% of Total: 0.01%
PPM: 92
CAS Number: 7440-57-5
MSDS Identification:

Constituents of Material

Material	Mass	% of Mat.	PPM	CAS
Gold	0.00001g	100.00	92	7440-57-5

Part Option Material

Option: Mosquito Clip
Material: Beryllium Copper
Mass: 0.07710g
% of Total: 71.22%
PPM: 712174
CAS Number:
MSDS Identification:

Constituents of Material

Material	Mass	% of Mat.	PPM	CAS
Beryllium	0.00131g	1.70	12100	7440-41-7
Cobalt	0.00015g	0.20	1386	7440-48-4
Copper	0.07540g	97.80	696471	7440-50-8
Nickel	0.00023g	0.30	2125	7440-02-0

Compliance List

- ELV-Vehicle Directive (Directive 2000/53/EC)
- European Union Directive (2003/11/EC) (Product Only)
- RoHS Directive 2011/65/EU (Compliance revised June 2011)
- WEEE Directive (2012/19/EU) (Product only) Revised August 2012

This material declaration is an average of significant component weights of the product or product series listed above. The information provided is based upon technical data believed to be reliable and is subject to change as additional data is gained. It is important to note that the substance composition of Samtec products is part specific. A valid Samtec part number is required in order to obtain a product material declaration.