



SAMTEC USA

520 PARK EAST BLVD
 NEW ALBANY IN 47150-7251
 UNITED STATES
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Part Composition Analysis: SQT-105-02-L-S

Mass: 0.46751g

Body Material

Material:	Vectra E-130i
Mass:	0.13742g
% of Total:	29.39
PPM:	293940
MSDS Identification:	Liquid Crystal Polymer

Note: This information is proprietary to Ticona Division of Celanese Chemical.

Pin Material

Material:	Phosphor Bronze
Mass:	0.32172g
% of Total:	68.82
PPM:	688157
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Copper	0.30500g	94.80	652393	7440-50-8
Phosphorous	0.00064g	0.20	1369	7723-14-0
Tin	0.01609g	5.00	34416	7440-31-5

Plating Material

Material:	Nickel Underplating
Mass:	0.00322g
% of Total:	0.69
PPM:	6888
CAS Number:	7440-02-0
MSDS Identification:	Elemental Nickel

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Nickel	0.00322g	100	6888	7440-02-0

Material:	Gold Contact / Tin Tail (15/85)
Mass:	0.00515g
% of Total:	1.10
PPM:	11016
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Gold	0.00077g	14.95	1647	7440-57-5
Tin	0.00438g	85.05	9369	7440-31-5

Compliance List

- ELV-Vehicle Directive (Directive 2000/53/EC)
- European Union Directive (2003/11/EC) (Product Only)
- Halogen Free per IEC-61249-2.21 : 2003
- 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.