

520 PARK EAST BLVD
NEW ALBANY IN 47150-7251
UNITED STATES
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Part Composition Analysis: QSE-020-01-L-D-A

Mass: 0.56226g

Body Material

Material:	Vectra E-130i
Mass:	0.36600g
% of Total:	65.09%
PPM:	650950
MSDS Identification:	Liquid Crystal Polymer

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

Pin Material

Material:	Phosphor Bronze
Mass:	0.13200g
% of Total:	23.48%
PPM:	234769
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Copper	0.12514g	94.80	222568	7440-50-8
Phosphorous	0.00026g	0.20	462	7723-14-0
Tin	0.00660g	5	11738	7440-31-5

Plating Material

Material:	Nickel Underplating
Mass:	0.00330g
% of Total:	0.59%
PPM:	5869
CAS Number:	7440-02-0
MSDS Identification:	Elemental Nickel

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Nickel	0.00330g	100	5869	7440-02-0

Material:	Gold Contact / Tin Tail (15/85)
Mass:	0.00106g
% of Total:	0.19%
PPM:	1885
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Gold	0.00016g	15.09	285	7440-57-5
Tin	0.00090g	84.91	1601	7440-31-5

Part Option Material

Option:	Ground Plane
Material:	Phosphor Bronze
Mass:	0.05990g
% of Total:	10.65%
PPM:	106535
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Copper	0.05679g	94.81	101004	7440-50-8
Phosphorous	0.00012g	0.20	213	7723-14-0
Tin	0.00300g	5.01	5336	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.