

520 PARK EAST BLVD
NEW ALBANY IN 47150-7251
UNITED STATES
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Toll Free: 1-800-SAMTEC-9 (USA & Canada)
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Part Composition Analysis: QTE-040-01-L-D-A

Mass: 1.68137g

Body Material

Material:	Vectra E-130i
Mass:	0.7600g
% of Total:	45.20%
PPM:	452011
MSDS Identification:	Liquid Crystal Polymer

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

Pin Material

Material:	Phosphor Bronze
Mass:	0.51570g
% of Total:	30.67%
PPM:	306713
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Copper	0.48888g	94.80	290762	7440-50-8
Phosphorous	0.00103g	0.20	613	7723-14-0
Tin	0.02578g	5.00	15333	7440-31-5

Plating Material

Material:	Nickel Underplating
Mass:	0.01289g
% of Total:	0.77%
PPM:	7666
CAS Number:	7440-02-0
MSDS Identification:	Elemental Nickel

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Nickel	0.01289g	100	7666	7440-02-0

Material:	Gold Contact / Tin Tail (15/85)
Mass:	0.00413g
% of Total:	0.25%
PPM:	2456
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Gold	0.00062g	15.01	369	7440-57-5
Tin	0.00351g	84.99	2088	7440-31-5

Part Option Material

Option:	Ground Plane
Material:	Phosphor Bronze
Mass:	0.38866g
% of Total:	23.12%
PPM:	231156
CAS Number:	
MSDS Identification:	

Constituents of Material				
Material	Mass	% of Mat.	PPM	CAS
Copper	0.36845g	94.80	219136	7440-50-8
Phosphorous	0.00078g	0.20	464	7723-14-0
Tin	0.01943g	5.00	11556	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.