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Quality Control Department: H & N ELECTRONICS

P. O. #: Verbal Harold  
 INVOICE #: 1602001  
 KAPP PN: 138-03101  
 BATCH: VP1016151 Expiration: N/A

ALLOY: KappZapp4™ - 96SN/4AG Solid  
 QQS-571 SN96  
 DIAMETER: 1/32" / .8mm / 1 lb. Spool

**Certificate of Conformance**

ELEMENTS:		Analysis RESULTS %/WEIGHT	Specifications J-Std.006 MEETS OR EXCEEDS QQ-5-571
Tin	(Sn)	Balance	Balance (96 desired)
Antimony	(Sb)	.0090	.0500 max.
Copper	(Cu)	.0032	.0800 max.
Lead	(Pb)	.0045	.1000 max.
Aluminum	(Al)	.0008	.0050 max.
Arsenic	(As)	.0019	.0300 max.
Cadmium	(Cd)	.0003	.0020 max.
Zinc	(Zn)	.0005	.0030 max.
Bismuth	(Bi)	.0076	.1000 max.
Iron	(Fe)	.0008	.0200 max.
Nickel	(Ni)	.0006	.0100 max.
Silver	(Ag)	3.9732	3.7-4.2 (4 desired)



Certified to NSF/ANSI 61

NSF International certifies that this product conforms to the requirements of NSF/ANSI Standard 61 - Drinking Water System Components - Health Effects. Product also Certified to NSF/ANSI 61, Annex G and is in compliance with California's Health & Safety Code Section 116875 (commonly known as AB1953) and Vermont Act 193. Weighted average lead content <=0.25%; Solder and flux lead content <=0.2%.

This alloy complies with the European RoHS and REACH directives. No lead, cadmium or mercury used in production.

100% OF THIS MATERIAL MADE IN U.S.A.

Signature: *Jonathan D. Crawford*  
 Jonathan D. Crawford, President

Date: 01 FEB 2016