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Quality Control Department: H & N ELECTRONICS

P. O. #: Verbal 08/19/21

INVOICE #: 2108050

KAPP PN: 138-03101

BATCH: VP0617211 Expiration: N/A

ALLOY: KappZapp4™ - 96SN/4AG Solid  
QQS-571 SN96

DIAMETER: .031 / 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)	.0054	.0500 max.
Copper	(Cu)	.0081	.0800 max.
Lead	(Pb)	.0097	.1000 max.
Aluminum	(Al)	.0020	.0050 max.
Arsenic	(As)	.0043	.0300 max.
Cadmium	(Cd)	ND	.0020 max.
Zinc	(Zn)	ND	.0030 max.
Bismuth	(Bi)	.0106	.1000 max.
Iron	(Fe)	.0045	.0200 max.
Nickel	(Ni)	ND	.0100 max.
Silver	(Ag)	3.9908	3.7-4.2 (4 desired)



Certified to  
NSF/ANSI 61 & 372

NSF International certifies that this product complies with NSF/ANSI Standard 372: Drinking Water System Components – Lead Content. Product also Certified to NSF/ANSI 61, Annex G and conforms with Lead content requirements for "Lead-free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act in effect as of January 4, 2014. Weighted average lead content < 0.25%; Solder and flux lead content < 0.20%. This alloy complies with the European RoHS and REACH directives. No lead, cadmium or mercury used in production. ND = Not Detected

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

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

Date: August 30, 2021