

## Material Declaration for H2176-XX

Product Information	
Part Number:	H2176-01
Part Description:	Ø1.0mm Terminal Pin
Part Weight (g):	0.0827

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes


Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Terminal - Brass	0.0461	2%	Copper	7440-50-8
	0.031	1%	Zinc	7440-66-6
	0.00239	0.5%	Lead	7439-92-1
	0	0.000239g max	Iron (impurity only)	7439-89-6
	0	0.000239g max	Tin (impurity only)	7440-31-5
	0	0.000239g max	Nickel (impurity only)	7440-02-0
Terminal - Plating	0	0.00004g max	Aluminium (impurity only)	7429-90-5
	0	0.000159g max	Other Impurities	
	0.000758	10%	Nickel	7440-02-0
	0.00243	10%	Tin	7440-31-5

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Product Information	
Part Number:	H2176-05
Part Description:	Ø1.0mm Terminal Pin
Part Weight (g):	0.0803

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Terminal - Brass	0.0461	2%	Copper	7440-50-8
	0.031	1%	Zinc	7440-66-6
	0.00239	0.5%	Lead	7439-92-1
	0	0.000239g max	Iron (impurity only)	7439-89-6
	0	0.000239g max	Tin (impurity only)	7440-31-5
	0	0.000239g max	Nickel (impurity only)	7440-02-0
Terminal - Plating	0	0.00004g max	Aluminium (impurity only)	7429-90-5
	0	0.000159g max	Other Impurities	
	0.000758	10%	Nickel	7440-02-0
	0.000062	5%	Gold	7440-57-5

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On behalf of:

