

## Material Declaration for D3080-XX

Product Information	
Part Number:	D3080-05
Part Description:	Uninsulated shorting link
Part Weight (g):	0.147

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 #
Contact - Brass	0.0894	3%	Copper	7440-50-8
	0.0531	5%	Zinc	7440-66-6
	0.00291	2%	Lead	7439-92-1
	0	0.000291g max	Iron (impurity only)	7439-89-6
	0	0.000291g max	Tin (impurity only)	7440-31-5
	0	0.000436g max	Nickel (impurity only)	7440-02-0
Contact - Plating	0	0.000073g max	Aluminium (impurity only)	7429-90-5
	0	0.000291g max	Other Impurities	
	0.0012	10%	Nickel	7440-02-0
	0.00013	5%	Gold	7440-57-5

Product Information	
Part Number:	D3080-46
Part Description:	Uninsulated shorting link
Part Weight (g):	0.149

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 #
Contact - Brass	0.0894	3%	Copper	7440-50-8
	0.0531	5%	Zinc	7440-66-6
	0.00291	2%	Lead	7439-92-1
	0	0.000291g max	Iron (impurity only)	7439-89-6
	0	0.000291g max	Tin (impurity only)	7440-31-5
	0	0.000436g max	Nickel (impurity only)	7440-02-0
Contact - Plating	0	0.000073g max	Aluminium (impurity only)	7429-90-5
	0	0.000291g max	Other Impurities	
	0.0012	10%	Nickel	7440-02-0
	0.00197	5%	Tin	7440-31-5

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

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On behalf of:

**HARWIN**