

Material Composition for B5780-01300XX

Product Information	
Part Number:	B5780-0130001
Part Description:	2mm Crimp Datamate contact
Part Weight (g):	0.0612

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Tin over Nickel & Copper
RoHS Compliant? (Y/N)	Yes

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0361	2%	Copper	7440-50-8
	0.0201	1%	Zinc	7440-66-6
	0.00115	0.5%	Lead	7439-92-1
	0	0.000172g max	Iron (impurity only)	7439-89-6
	0	0.000172g max	Tin (impurity only)	7440-31-5
	0	0.000172g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	0.000029g max	Aluminium (impurity only)	7429-90-5
	0	0.000287g max	Other Impurities	
	0.00158	5%	Tin	7440-31-5
	0.000723	10%	Nickel	7440-02-0
	0.000483	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207	1%	Copper	7440-50-8
	0.00004	0.5%	Beryllium	7440-41-7
	0	0.000006g max	Nickel (impurity only)	7440-02-0
	0	0.000006g max	Cobalt (impurity only)	7440-48-4
	0	0.000004g max	Iron (impurity only)	7439-89-6
	0	0.000004g max	Aluminium (impurity only)	7429-90-5
	0	0.000004g max	Silicon (impurity only)	7440-21-3
	0	0.000011g max	Other Impurities	
Contact Clip - Plating	0.000057	10%	Nickel	7440-02-0
	0.000006	5%	Gold	7440-57-5

Material Composition for B5780-01300XX

Product Information	
Part Number:	B5780-0130005
Part Description:	2mm Crimp Datamate contact
Part Weight (g):	0.0612

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold over Nickel & Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0361	2%	Copper	7440-50-8
	0.0201	1%	Zinc	7440-66-6
	0.00115	0.5%	Lead	7439-92-1
	0	0.000172g max	Iron (impurity only)	7439-89-6
	0	0.000172g max	Tin (impurity only)	7440-31-5
	0	0.000172g max	Nickel (impurity only)	7440-02-0
	0	0.000029g max	Aluminium (impurity only)	7429-90-5
	0	0.000287g max	Other Impurities	
	0.000292	5%	Gold	7440-57-5
	0.000723	10%	Nickel	7440-02-0
Contact Shell - Plating	0.000603	10%	Copper	7440-50-8
	0.00207	1%	Copper	7440-50-8
	0.00004	0.5%	Beryllium	7440-41-7
	0	0.000006g max	Nickel (impurity only)	7440-02-0
	0	0.000006g max	Cobalt (impurity only)	7440-48-4
	0	0.000004g max	Iron (impurity only)	7439-89-6
	0	0.000004g max	Aluminium (impurity only)	7429-90-5
	0	0.000004g max	Silicon (impurity only)	7440-21-3
	0	0.000011g max	Other Impurities	
Contact Clip - Beryllium Copper	0.000057	10%	Nickel	7440-02-0
	0.000006	5%	Gold	7440-57-5
Contact Clip - Plating				

Prepared by: **John P Collins**
 Product Environmental Compliance Specialist
 complianceteam@harwin.com

On behalf of:

HARWIN

This declaration is valid without physical signature and is based on the information obtained from our suppliers at the time of issue. It reflects our actual knowledge following reasonable inquiry and does not rely on any chemical testing by Harwin Plc. This information is subject to change.