

Material Declaration for M80-9140099 to 9170099

Product Information	
Part Number:	M80-9140099
Part Description:	1 x Female Crimped Wire 22AWG
Part Weight (g):	0.895

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0353	2%	Copper	7440-50-8
	0.021	1%	Zinc	7440-66-6
	0.00115	0.5%	Lead	7439-92-1
	0	0.000115g max	Iron (impurity only)	7439-89-6
	0	0.000115g 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	
	0.000292	5%	Gold	7440-57-5
	0.000723	10%	Nickel	7440-02-0
	0.000603	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
Wire	0.338	10%	Copper	7440-50-8
Wire - Plating	0.0396	10%	Silver	7440-22-4
Wire - Insulation	0.456	10%	PTFE	9002-84-0

Material Declaration for M80-9140099 to 9170099

Product Information	
Part Number:	M80-9150099
Part Description:	1 x Female Crimped Wire 24AWG
Part Weight (g):	0.778

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0362	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
Contact Shell - Plating	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	
	0.00292	5%	Gold	7440-57-5
	0.000723	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	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	
	0.000057	10%	Nickel	7440-02-0
Contact Clip - Plating	0.000006	5%	Gold	7440-57-5
Wire	0.272	10%	Copper	7440-50-8
Wire - Plating	0.032	10%	Silver	7440-22-4
Wire - Insulation	0.41	10%	PTFE	9002-84-0

Material Declaration for M80-9140099 to 9170099

Product Information	
Part Number:	M80-9160099
Part Description:	1 x Female Crimped Wire 26AWG
Part Weight (g):	0.657

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Contact Shell - Brass	0.0362	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		
	0.00292	5%	Gold	7440-57-5	
	0.000723	10%	Nickel	7440-02-0	
	0.000603	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
Wire	0.212	10%	Copper	7440-50-8	
Wire - Plating	0.025	10%	Silver	7440-22-4	
Wire - Insulation	0.356	10%	PTFE	9002-84-0	

Material Declaration for M80-9140099 to 9170099

Product Information	
Part Number:	M80-9170099
Part Description:	1 x Female Crimped Wire 28AWG
Part Weight (g):	0.535

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0362	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	
	0.00292	5%	Gold	7440-57-5
	0.000723	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	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	
	0.000057	10%	Nickel	7440-02-0
Contact Clip - Plating	0.000006	5%	Gold	7440-57-5
Wire	0.15	10%	Copper	7440-50-8
Wire - Plating	0.0176	10%	Silver	7440-22-4
Wire - Insulation	0.304	10%	PTFE	9002-84-0

Prepared by: *M. J. Perry*

Martin J Perry, BSc(Eng) MSc CEng MIET
 Compliance Specialist
 ComplianceTeam@harwin.co.uk

On behalf of:

