

Material Declaration for M80-9180099 to 9210099

Product Information	
Part Number:	M80-9180099
Part Description:	2 x Female Crimped Wire 22AWG
Part Weight (g):	0.539

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 Shells - Brass	0.0706	2%	Copper	7440-50-8
	0.042	1%	Zinc	7440-66-6
	0.0023	0.5%	Lead	7439-92-1
	0	0.00023g max	Iron (impurity only)	7439-89-6
	0	0.00023g max	Tin (impurity only)	7440-31-5
	0	0.000344g max	Nickel (impurity only)	7440-02-0
	0	0.000058g max	Aluminium (impurity only)	7429-90-5
	0	0.000574g max	Other Impurities	
Contact Shells - Plating	0.000584	5%	Gold	7440-57-5
	0.00145	10%	Nickel	7440-02-0
	0.00121	10%	Copper	7440-50-8
Contact Clips - Beryllium Copper	0.00414	1%	Copper	7440-50-8
	0.00008	0.5%	Beryllium	7440-41-7
	0	0.000012g max	Nickel (impurity only)	7440-02-0
	0	0.000012g max	Cobalt (impurity only)	7440-48-4
	0	0.000008g max	Iron (impurity only)	7439-89-6
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000008g max	Silicon (impurity only)	7440-21-3
	0	0.000022g max	Other Impurities	
Contact Clips - Plating	0.000114	10%	Nickel	7440-02-0
	0.000012	5%	Gold	7440-57-5
Wire				
	0.169	10%	Copper	7440-50-8
	0.0198	10%	Silver	7440-22-4
Wire - Insulation	0.228	10%	PTFE	9002-84-0

Material Declaration for M80-9180099 to 9210099

Product Information	
Part Number:	M80-9190099
Part Description:	2 x Female Crimped Wire 24AWG
Part Weight (g):	0.485

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 Shells - Brass	0.0724	2%	Copper	7440-50-8
	0.0402	1%	Zinc	7440-66-6
	0.0023	0.5%	Lead	7439-92-1
	0	0.000344g max	Iron (impurity only)	7439-89-6
	0	0.000344g max	Tin (impurity only)	7440-31-5
	0	0.000344g max	Nickel (impurity only)	7440-02-0
	0	0.000058g max	Aluminium (impurity only)	7429-90-5
	0	0.000574g max	Other Impurities	
Contact Shells - Plating	0.00584	5%	Gold	7440-57-5
	0.00145	10%	Nickel	7440-02-0
	0.00121	10%	Copper	7440-50-8
Contact Clips - Beryllium Copper	0.00414	1%	Copper	7440-50-8
	0.00008	0.5%	Beryllium	7440-41-7
	0	0.000012g max	Nickel (impurity only)	7440-02-0
	0	0.000012g max	Cobalt (impurity only)	7440-48-4
	0	0.000008g max	Iron (impurity only)	7439-89-6
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000008g max	Silicon (impurity only)	7440-21-3
	0	0.000022g max	Other Impurities	
Contact Clips - Plating	0.000114	10%	Nickel	7440-02-0
	0.000012	5%	Gold	7440-57-5
Wire	0.136	10%	Copper	7440-50-8
Wire - Plating	0.016	10%	Silver	7440-22-4
Wire - Insulation	0.205	10%	PTFE	9002-84-0

Material Declaration for M80-9180099 to 9210099

Product Information	
Part Number:	M80-9200099
Part Description:	2 x Female Crimped Wire 26AWG
Part Weight (g):	0.424

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 Shells - Brass	0.0724	2%	Copper	7440-50-8
	0.0402	1%	Zinc	7440-66-6
	0.0023	0.5%	Lead	7439-92-1
	0	0.000344g max	Iron (impurity only)	7439-89-6
	0	0.000344g max	Tin (impurity only)	7440-31-5
Contact Shells - Plating	0	0.000344g max	Nickel (impurity only)	7440-02-0
	0	0.000058g max	Aluminium (impurity only)	7429-90-5
	0	0.000574g max	Other Impurities	
	0.00584	5%	Gold	7440-57-5
	0.00145	10%	Nickel	7440-02-0
Contact Clips - Beryllium Copper	0.00121	10%	Copper	7440-50-8
	0.00414	1%	Copper	7440-50-8
	0.00008	0.5%	Beryllium	7440-41-7
	0	0.000012g max	Nickel (impurity only)	7440-02-0
Contact Clips - Plating	0	0.000012g max	Cobalt (impurity only)	7440-48-4
	0	0.000008g max	Iron (impurity only)	7439-89-6
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
	0	0.000008g max	Silicon (impurity only)	7440-21-3
	0	0.000022g max	Other Impurities	
Wire	0.000114	10%	Nickel	7440-02-0
	0.000012	5%	Gold	7440-57-5
Wire - Plating				
Wire - Insulation	0.106	10%	Copper	7440-50-8
	0.0125	10%	Silver	7440-22-4
	0.178	10%	PTFE	9002-84-0

Material Declaration for M80-9180099 to 9210099

Product Information	
Part Number:	M80-9210099
Part Description:	2 x Female Crimped Wire 28AWG
Part Weight (g):	0.363

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 Shells - Brass	0.0724	2%	Copper	7440-50-8
	0.0402	1%	Zinc	7440-66-6
	0.0023	0.5%	Lead	7439-92-1
	0	0.000344g max	Iron (impurity only)	7439-89-6
	0	0.000344g max	Tin (impurity only)	7440-31-5
	0	0.000344g max	Nickel (impurity only)	7440-02-0
Contact Shells - Plating	0	0.000058g max	Aluminium (impurity only)	7429-90-5
	0	0.000574g max	Other Impurities	
	0.00584	5%	Gold	7440-57-5
	0.00145	10%	Nickel	7440-02-0
	0.00121	10%	Copper	7440-50-8
Contact Clips - Beryllium Copper	0.00414	1%	Copper	7440-50-8
	0.00008	0.5%	Beryllium	7440-41-7
	0	0.000012g max	Nickel (impurity only)	7440-02-0
	0	0.000012g max	Cobalt (impurity only)	7440-48-4
	0	0.000008g max	Iron (impurity only)	7439-89-6
	0	0.000008g max	Aluminium (impurity only)	7429-90-5
Contact Clips - Plating	0	0.000008g max	Silicon (impurity only)	7440-21-3
	0	0.000022g max	Other Impurities	
	0.000114	10%	Nickel	7440-02-0
	0.000012	5%	Gold	7440-57-5
Wire	0.0749	10%	Copper	7440-50-8
Wire - Plating	0.00881	10%	Silver	7440-22-4
Wire - Insulation	0.152	10%	PTFE	9002-84-0

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