

Material Declaration for M40-9040099 to M40-9070099

Product Information	
Part Number:	M40-9040099
Part Description:	2 x Female Crimped Wire 28AWG 150mm
Part Weight (g):	0.25

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
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 - Phosphor Bronze	0.0123	5%	Copper	7440-50-8
	0.00065	1%	Tin	7440-31-5
	0.000026	0.5%	Phosphorus	7723-14-0
	0	0.000026g max	Nickel (impurity only)	7440-02-0
	0	0.000026g max	Zinc (impurity only)	7440-66-6
	0	0.000014g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000002g max	Lead (impurity only)	7439-92-1
	0	0.000066g max	Other Impurities	
	0.000428	10%	Nickel	7440-02-0
	0.000526	30%	Tin	7440-31-5
Wire	0.0749	10%	Copper	7440-50-8
Wire - Plating	0.00881	10%	Silver	7440-22-4
Wire - Insulation	0.152	10%	Various	

Product Information	
Part Number:	M40-9050099
Part Description:	2 x Female Crimped Wire 32AWG 150mm
Part Weight (g):	0.168

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
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 - Phosphor Bronze	0.0123	5%	Copper	7440-50-8
	0.00065	1%	Tin	7440-31-5
	0.000026	0.5%	Phosphorus	7723-14-0
	0	0.000026g max	Nickel (impurity only)	7440-02-0
	0	0.000026g max	Zinc (impurity only)	7440-66-6
	0	0.000014g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000002g max	Lead (impurity only)	7439-92-1
	0	0.000066g max	Other Impurities	
	0.000428	10%	Nickel	7440-02-0
	0.000526	30%	Tin	7440-31-5
Wire	0.0375	10%	Copper	7440-50-8
Wire - Plating	0.00441	10%	Silver	7440-22-4
Wire - Insulation	0.112	10%	Various	

Material Declaration for M40-9040099 to M40-9070099

Product Information	
Part Number:	M40-9060099
Part Description:	2 x Female Crimped Wire 28AWG 300mm
Part Weight (g):	0.486

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
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 - Phosphor Bronze	0.0123	5%	Copper	7440-50-8
	0.00065	1%	Tin	7440-31-5
	0.000026	0.5%	Phosphorus	7723-14-0
	0	0.000026g max	Nickel (impurity only)	7440-02-0
	0	0.000026g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	0.000014g max	Iron (impurity only)	7439-89-6
	0	0.000002g max	Lead (impurity only)	7439-92-1
	0	0.000066g max	Other Impurities	
	0.000428	10%	Nickel	7440-02-0
	0.000526	30%	Tin	7440-31-5
Wire	0.15	10%	Copper	7440-50-8
	0.0176	10%	Silver	7440-22-4
	0.304	10%	Various	

Product Information	
Part Number:	M40-9070099
Part Description:	2 x Female Crimped Wire 32AWG 300mm
Part Weight (g):	0.322

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
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 - Phosphor Bronze	0.0123	5%	Copper	7440-50-8
	0.00065	1%	Tin	7440-31-5
	0.000026	0.5%	Phosphorus	7723-14-0
	0	0.000026g max	Nickel (impurity only)	7440-02-0
	0	0.000026g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	0.000014g max	Iron (impurity only)	7439-89-6
	0	0.000002g max	Lead (impurity only)	7439-92-1
	0	0.000066g max	Other Impurities	
	0.000428	10%	Nickel	7440-02-0
	0.000526	30%	Tin	7440-31-5
Wire	0.0749	10%	Copper	7440-50-8
	0.00882	10%	Silver	7440-22-4
	0.224	10%	Various	

Prepared by: 

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

On behalf of:

