

Material Declaration for M40-9100099 to M40-9110099

Product Information	
Part Number:	M40-9100099
Part Description:	1 x Female Crimped Wire 30AWG 150mm
Part Weight (g):	0.191

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
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	0.00616	5%	Copper	7440-50-8
	0.000325	1%	Tin	7440-31-5
	0.000013	0.5%	Phosphorus	7723-14-0
	0	0.000013g max	Nickel (impurity only)	7440-02-0
	0	0.000013g max	Zinc (impurity only)	7440-66-6
	0	0.000007g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000001g max	Lead (impurity only)	7439-92-1
	0	0.000033g max	Other Impurities	
	0.000214	10%	Nickel	7440-02-0
	0.000263	30%	Tin	7440-31-5
Wire	0.0468	10%	Copper	7440-50-8
Wire - Plating	0.00551	10%	Silver	7440-22-4
Wire - Insulation	0.132	10%	Various	

Product Information	
Part Number:	M40-9110099
Part Description:	1 x Female Crimped Wire 30AWG 300mm
Part Weight (g):	0.376

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
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	0.00616	5%	Copper	7440-50-8
	0.000325	1%	Tin	7440-31-5
	0.000013	0.5%	Phosphorus	7723-14-0
	0	0.000013g max	Nickel (impurity only)	7440-02-0
	0	0.000013g max	Zinc (impurity only)	7440-66-6
	0	0.000007g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000001g max	Lead (impurity only)	7439-92-1
	0	0.000033g max	Other Impurities	
	0.000214	10%	Nickel	7440-02-0
	0.000263	30%	Tin	7440-31-5
Wire	0.0937	10%	Copper	7440-50-8
Wire - Plating	0.011	10%	Silver	7440-22-4
Wire - Insulation	0.264	10%	Various	

Prepared by: 

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

On behalf of:

