

## Material Declaration for M22-30500XX

Product Information	
Part Number:	M22-3050042
Part Description:	2.00mm pitch Crimp
Part Weight (g):	0.0444

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0413	2%	Copper	7440-50-8
	0.00218	0.5%	Tin	7440-31-5
	0.000087	0.5%	Phosphorus	7723-14-0
	0	0.000009g max	Lead (impurity only)	7439-92-1
	0	0.000044g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000087g max	Zinc (impurity only)	7440-66-6
	0	0.000069g max	Nickel (impurity only)	7440-02-0
	0	0.000087g max	Other Impurities	
	0.000713	10%	Nickel	7440-02-0
	0.000077	30%	Gold	7440-57-5

Product Information	
Part Number:	M22-3050046
Part Description:	2.00mm pitch Crimp
Part Weight (g):	0.045

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0413	2%	Copper	7440-50-8
	0.00218	0.5%	Tin	7440-31-5
	0.000087	0.5%	Phosphorus	7723-14-0
	0	0.000009g max	Lead (impurity only)	7439-92-1
	0	0.000044g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000087g max	Zinc (impurity only)	7440-66-6
	0	0.000069g max	Nickel (impurity only)	7440-02-0
	0	0.000087g max	Other Impurities	
	0.000713	10%	Nickel	7440-02-0
	0.00731	20%	Tin	7440-31-5

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

Prepared by: *M. J. Perry*

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

On behalf of:

