

## Material Declaration for M22-30400XX

Product Information	
Part Number:	M22-3040042
Part Description:	2.00mm pitch Crimp
Part Weight (g):	0.0522

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	0.0482	2%	Copper	7440-50-8
	0.00254	0.5%	Tin	7440-31-5
	0.000102	0.5%	Phosphorus	7723-14-0
	0	0.00001g max	Lead (impurity only)	7439-92-1
	0	0.000051g max	Iron (impurity only)	7439-89-6
	0	0.000102g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	0.000102g max	Nickel (impurity only)	7440-02-0
	0	0.000102g max	Other Impurities	
	0.00124	10%	Nickel	7440-02-0
	0.000134	30%	Gold	7440-57-5

NOTE: These weights are given for the individual crimp once the carrier strip has been removed.

Product Information	
Part Number:	M22-3040046
Part Description:	2.00mm pitch Crimp
Part Weight (g):	0.0534

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	0.0482	2%	Copper	7440-50-8
	0.00254	0.5%	Tin	7440-31-5
	0.000102	0.5%	Phosphorus	7723-14-0
	0	0.00001g max	Lead (impurity only)	7439-92-1
	0	0.000051g max	Iron (impurity only)	7439-89-6
	0	0.000102g max	Zinc (impurity only)	7440-66-6
Contact - Plating	0	0.000102g max	Nickel (impurity only)	7440-02-0
	0	0.000102g max	Other Impurities	
	0.00124	10%	Nickel	7440-02-0
	0.00127	20%	Tin	7440-31-5

NOTE: These weights are given for the individual crimp once the carrier strip has been removed.

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:

**HARWIN**