


## Material Declaration for M402VM-3-080-04NR

Product Information	
Part Number:	M402VM-3-080-04NR
Part Description:	0.5mm Pitch male conn.
Part Weight (g):	0.456

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
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 #
Contacts - Phosphor Bronze	0.174	5%	Copper	7440-50-8
	0.00912	1%	Tin	7440-31-5
	0.0004	0.5%	Phosphorus	7723-14-0
	0	0.0004g max	Nickel (impurity only)	7440-02-0
	0	0.004g max	Zinc (impurity only)	7440-66-6
	0	0.00016g max	Iron (impurity only)	7439-89-6
	0	0.00004g max	Lead (impurity only)	7439-92-1
Contacts - Plating	0	0.00088g max	Other Impurities	
	0.00656	10%	Nickel	7440-02-0
	0.00672	20%	Tin	7440-31-5
Retainers - Brass	0.00667	3%	Copper	7440-50-8
	0.00392	2%	Zinc	7440-66-6
	0	0.00001g max	Lead (impurity only)	7439-92-1
	0	0.00001g max	Iron (impurity only)	7439-89-6
	0	0.00001g max	Tin (impurity only)	7440-31-5
	0	0.000032g max	Nickel (impurity only)	7440-02-0
	0	0.000006g max	Aluminium (impurity only)	7429-90-5
	0	0.00001g max	Other Impurities	
Retainers - Plating	0.000268	10%	Nickel	7440-02-0
	0.000276	10%	Tin	7440-31-5
Moulding (total weight)	0.248	6%	33% GF LCP	
Containing:	0.166	6%	Liquid Crystal Polymer	
	0.0818	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

Prepared by: 

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

On behalf of: 