

## Material Declaration for M80-338

Product Information	
Part Number:	M80-338
Part Description:	Male Straight Power Contact
Part Weight (g):	0.386

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.206	2%	Copper	7440-50-8
	0.138	1%	Zinc	7440-66-6
	0.0106	0.5%	Lead	7439-92-1
	0	0.00106g max	Iron (impurity only)	7439-89-6
	0	0.00106g max	Tin (impurity only)	7440-31-5
	0	0.00106g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	0.000177g max	Aluminium (impurity only)	7429-90-5
	0	0.000709g max	Other Impurities	
	0.000949	5%	Gold	7440-57-5
	0.00235	10%	Nickel	7440-02-0
Contact Sleeve - Beryllium Copper	0.00196	10%	Copper	7440-50-8
	0.0248	2%	Copper	7440-50-8
	0.000101	0.4%	Beryllium	7440-41-7
	0.000456	0.8%	Nickel	7440-02-0
	0	0.000076g max	Cobalt (impurity only)	7440-48-4
	0	0.000025g max	Iron (impurity only)	7439-89-6
	0	0.000127g max	Other Impurities	
	0.000429	10%	Nickel	7440-02-0
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Prepared by:

*M. J. Perry*

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

On behalf of:

**HARWIN**