

## Material Declaration for M80-PF5

Product Information	
Part Number:	M80-PF5
Part Description:	Female High Power Contact
Part Weight (g):	0.386

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Body - Beryllium Copper	0.347	2%	Copper	7440-50-8
	0.00675	1%	Beryllium	7440-41-7
	0.00142	1%	Lead	7439-92-1
	0	0.00107g max	Nickel (impurity only)	7440-02-0
	0	0.00107g max	Cobalt (impurity only)	7440-48-4
Contact Body - Plating	0	0.000711g max	Iron (impurity only)	7439-89-6
	0	0.000711g max	Aluminium (impurity only)	7429-90-5
	0	0.000711g max	Silicon (impurity only)	7440-21-3
	0.00238	10%	Nickel	7440-02-0
	0.00302	5%	Gold	7440-57-5
Latching Collar - Beryllium Copper	0.0248	2%	Copper	7440-50-8
	0.000101	1%	Beryllium	7440-41-7
	0.000456	1%	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
Latching Collar - Plating				

Prepared by: *M. J. Perry*

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

On behalf of:

