


Material Declaration for M80-311

Product Information	
Part Number:	M80-311
Part Description:	Datamate Mix-Tek Coax contact
Part Weight (g):	0.126

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 Shell - Beryllium Copper	0.0882	2%	Copper	7440-50-8
	0.00172	0.40%	Beryllium	7440-41-7
	0.000361	1%	Lead	7439-92-1
	0	0.000271g max	Nickel (impurity only)	7440-02-0
	0	0.000271g max	Cobalt (impurity only)	7440-48-4
	0	0.000181g max	Iron (impurity only)	7439-89-6
	0	0.000181g max	Aluminium (impurity only)	7429-90-5
	0	0.000181g max	Silicon (impurity only)	7440-21-3
	0	0.000451g max	Other Impurities	
Contact Shell - Plating	0.000529	5%	Gold	7440-57-5
	0.00131	10%	Nickel	7440-02-0
Insulator	0.0233	5%	PTFE	9002-84-0
Central Contact - Phosphor Bronze	0.00881	4%	Copper	7440-50-8
	0.000397	1%	Tin	7440-31-5
	0.000025	0.80%	Phosphorus	7723-14-0
	0.000298	3%	Zinc	7440-66-6
	0.000397	1%	Lead	7439-92-1
	0	0.00002g max	Nickel (impurity only)	7440-02-0
	0	0.00001g max	Iron (impurity only)	7439-89-6
Central Contact - Plating	0.000028	10%	Gold	7440-57-5
	0.000177	10%	Nickel	7440-02-0

Prepared by: 

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

On behalf of: 