


# Material Declaration for M80-309

Product Information	
Part Number:	M80-309
Part Description:	Female Right-Angled Coax Contact
Part Weight (g):	0.564

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	0.154	2%	Copper	7440-50-8
	0.104	1%	Zinc	7440-66-6
	0.00798	0.5%	Lead	7439-92-1
	0	0.000798g max	Iron (impurity only)	7439-89-6
	0	0.000798g max	Tin (impurity only)	7440-31-5
	0	0.00008g max	Nickel (impurity only)	7440-02-0
	0	0.000133g max	Aluminium (impurity only)	7429-90-5
	0	0.000532g max	Other Impurities	
Contact Shell - Plating	0.00132	5%	Gold	7440-57-5
	0.00324	10%	Nickel	7440-02-0
	0.00273	10%	Copper	7440-50-8
Contact Sleeve - Beryllium Copper	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
Insulators	0.0381	5%	PTFE	9002-84-0
Crimp Sleeve - Brass	0.0858	2%	Copper	7440-50-8
	0.0577	1%	Zinc	7440-66-6
	0.00444	0.5%	Lead	7439-92-1
	0	0.000444g max	Iron (impurity only)	7439-89-6
	0	0.000444g max	Tin (impurity only)	7440-31-5
	0	0.000044g max	Nickel (impurity only)	7440-02-0
	0	0.000074g max	Aluminium (impurity only)	7429-90-5
	0	0.000296g max	Other Impurities	
Crimp Sleeve - Plating	0.000617	5%	Gold	7440-57-5
	0.00153	10%	Nickel	7440-02-0
	0.00127	10%	Copper	7440-50-8
Inner Contact - Beryllium Copper	0.0321	2%	Copper	7440-50-8
	0.000624	0.4%	Beryllium	7440-41-7
	0.000131	0.4%	Lead	7439-92-1
	0	0.000098g max	Nickel (impurity only)	7440-02-0
	0	0.000098g max	Cobalt (impurity only)	7440-48-4
	0	0.000066g max	Iron (impurity only)	7439-89-6
	0	0.000066g max	Aluminium (impurity only)	7429-90-5
	0	0.000066g max	Silicon (impurity only)	7440-21-3
Inner Contact - Plating	0	0.000164g max	Other Impurities	
	0.000577	10%	Nickel	7440-02-0
	0.000706	10%	Gold	7440-57-5
End Plug - Brass	0.0237	2%	Copper	7440-50-8
	0.016	1%	Zinc	7440-66-6
	0.00123	0.5%	Lead	7439-92-1
	0	0.000123g max	Iron (impurity only)	7439-89-6
	0	0.000123g max	Tin (impurity only)	7440-31-5
	0	0.000012g max	Nickel (impurity only)	7440-02-0
	0	0.000002g max	Aluminium (impurity only)	7429-90-5
	0	0.000082g max	Other Impurities	
End Plug - Plating	0.000126	5%	Gold	7440-57-5
	0.000312	10%	Nickel	7440-02-0
	0.00026	10%	Copper	7440-50-8

Prepared by: 

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On behalf of: 