

Material Declaration for M80-302

Product Information	
Part Number:	M80-302
Part Description:	Female Vertical Coax Contact
Part Weight (g):	0.137

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	Gold over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Outer Body - Brass	0.0635	2%	Copper	7440-50-8
	0.0427	1%	Zinc	7440-66-6
	0.00328	0.5%	Lead	7439-92-1
	0	0.000328g max	Iron (impurity only)	7439-89-6
	0	0.000328g max	Tin (impurity only)	7440-31-5
	0	0.000033g max	Nickel (impurity only)	7440-02-0
Outer Body - Plating	0	0.000055g max	Aluminium (impurity only)	7429-90-5
	0	0.000219g max	Other Impurities	
	0.000596	5%	Gold	7440-57-5
	0.00147	10%	Nickel	7440-02-0
Insulator	0.00123	10%	Copper	7440-50-8
	0.0107	5%	PTFE	9002-84-0
Inner Contact - Beryllium Copper	0.0122	2%	Copper	7440-50-8
	0.000238	0.4%	Beryllium	7440-41-7
	0.00005	0.4%	Lead	7439-92-1
	0	0.000038g max	Nickel (impurity only)	7440-02-0
	0	0.000038g max	Cobalt (impurity only)	7440-48-4
	0	0.000025g max	Iron (impurity only)	7439-89-6
	0	0.000025g max	Aluminium (impurity only)	7429-90-5
	0	0.000025g max	Silicon (impurity only)	7440-21-3
Inner Contact - Plating	0	0.000063g max	Other Impurities	
	0.000384	10%	Nickel	7440-02-0
	0.000471	10%	Gold	7440-57-5

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**