

Material Declaration for M80-314

Product Information	
Part Number:	M80-314
Part Description:	Male Horizontal Coax Contact
Part Weight (g):	0.305

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 #
Contact Shell - Beryllium Copper	0.216	2%	Copper	7440-50-8
	0.0042	0.4%	Beryllium	7440-41-7
	0.000884	0.4%	Lead	7439-92-1
	0	0.000663g max	Nickel (impurity only)	7440-02-0
	0	0.000663g max	Cobalt (impurity only)	7440-48-4
	0	0.000442g max	Iron (impurity only)	7439-89-6
	0	0.000442g max	Aluminium (impurity only)	7429-90-5
Contact Shell - Plating	0	0.000442g max	Silicon (impurity only)	7440-21-3
	0	0.00111g max	Other Impurities	
	0.00201	10%	Nickel	7440-02-0
	0.000812	10%	Gold	7440-57-5
Insulator	0.0209	5%	PTFE	9002-84-0
Inner Contact - Phosphor Bronze	0.0141	2%	Copper	7440-50-8
	0.000638	1.0%	Tin	7440-31-5
	0.00004	0.5%	Phosphorus	7723-14-0
	0	0.000032g max	Nickel (impurity only)	7440-02-0
	0	0.000478g max	Zinc (impurity only)	7440-66-6
	0	0.000016g max	Iron (impurity only)	7439-89-6
	0	0.000064g max	Lead (impurity only)	7439-92-1
Inner Contact - Plating	0.000358	10%	Nickel	7440-02-0
	0.000472	10%	Gold	7440-57-5
PCB Pins - Phosphor Bronze	0.0165	2%	Copper	7440-50-8
	0.000744	1.0%	Tin	7440-31-5
	0.000046	0.5%	Phosphorus	7723-14-0
	0	0.000038g max	Nickel (impurity only)	7440-02-0
	0	0.000558g max	Zinc (impurity only)	7440-66-6
	0	0.000018g max	Iron (impurity only)	7439-89-6
	0	0.000074g max	Lead (impurity only)	7439-92-1
PCB Pins - Plating	0.000262	10%	Nickel	7440-02-0
	0.000106	10%	Gold	7440-57-5
	0.000218	10%	Copper	7440-50-8
End Plug - Brass	0.015	2%	Copper	7440-50-8
	0.0101	1%	Zinc	7440-66-6
	0.000777	0.5%	Lead	7439-92-1
	0	0.000078g max	Iron (impurity only)	7439-89-6
	0	0.000078g max	Tin (impurity only)	7440-31-5
	0	0.000078g max	Nickel (impurity only)	7440-02-0
	0	0.000013g max	Aluminium (impurity only)	7429-90-5
End Plug - Plating	0	0.000052g max	Other Impurities	
	0.00008	5%	Gold	7440-57-5
	0.000198	10%	Nickel	7440-02-0
	0.000166	10%	Copper	7440-50-8

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On behalf of: **HARWIN**