

Material Declaration for M80-312

Product Information	
Part Number:	M80-312
Part Description:	Male Vertical Coax Contact
Part Weight (g):	0.132

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	0.0928	2%	Copper	7440-50-8
	0.0018	0.4%	Beryllium	7440-41-7
	0.00038	0.4%	Lead	7439-92-1
	0	0.000285g max	Nickel (impurity only)	7440-02-0
	0	0.000285g max	Cobalt (impurity only)	7440-48-4
	0	0.00019g max	Iron (impurity only)	7439-89-6
Contact Shell - Plating	0	0.00019g max	Aluminium (impurity only)	7429-90-5
	0	0.00019g max	Silicon (impurity only)	7440-21-3
	0	0.000475g max	Other Impurities	
	0.00137	10%	Nickel	7440-02-0
Insulator	0.000555	10%	Gold	7440-57-5
	0.0107	5%	PTFE	9002-84-0
Inner Contact - Phosphor Bronze	0.0104	2%	Copper	7440-50-8
	0.00047	1.0%	Tin	7440-31-5
	0.000029	0.5%	Phosphorus	7723-14-0
	0	0.000024g max	Nickel (impurity only)	7440-02-0
	0	0.000353g max	Zinc (impurity only)	7440-66-6
	0	0.000012g max	Iron (impurity only)	7439-89-6
Inner Contact - Plating	0	0.00047g max	Lead (impurity only)	7439-92-1
	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