


Material Declaration for M80-318

Product Information	
Part Number:	M80-318
Part Description:	Male Right-Angled Coax Contact
Part Weight (g):	0.486

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 #
Inner Contact - Brass	0.0292	2%	Copper	7440-50-8
	0.000986	1%	Zinc	7440-66-6
	0.000986	0.5%	Lead	7439-92-1
	0	0.000033g max	Iron (impurity only)	7439-89-6
0	0.00132g max	Tin (impurity only)	7440-31-5	
0	0.00001g max	Nickel (impurity only)	7440-02-0	
0	0.000082g max	Phosphorus (impurity only)	7723-14-0	
Inner Contact - Plating	0.000057	5%	Gold	7440-57-5
	0.000363	10%	Nickel	7440-02-0
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	
Contact Sleeve - Plating	0.000429	10%	Nickel	7440-02-0
Insulators	0.0381	5%	PTFE	9002-84-0
Crimp Sleeve - Brass	0.0682	2%	Copper	7440-50-8
	0.0459	1%	Zinc	7440-66-6
	0.00353	0.5%	Lead	7439-92-1
	0	0.000353g max	Iron (impurity only)	7439-89-6
	0	0.000353g max	Tin (impurity only)	7440-31-5
	0	0.000035g max	Nickel (impurity only)	7440-02-0
0	0.000059g max	Aluminium (impurity only)	7429-90-5	
0	0.000235g max	Other Impurities		
Crimp Sleeve - Plating	0.000491	5%	Gold	7440-57-5
	0.00121	10%	Nickel	7440-02-0
	0.00101	10%	Copper	7440-50-8
Contact Shell - Beryllium Copper	0.234	2%	Copper	7440-50-8
	0.000454	0.4%	Beryllium	7440-41-7
	0.000956	0.4%	Lead	7439-92-1
	0	0.000717g max	Nickel (impurity only)	7440-02-0
	0	0.000717g max	Cobalt (impurity only)	7440-48-4
	0	0.000478g max	Iron (impurity only)	7439-89-6
	0	0.000478g max	Aluminium (impurity only)	7429-90-5
	0	0.000478g max	Silicon (impurity only)	7440-21-3
	0	0.0012g max	Other Impurities	
	Contact Shell - Plating	0.00296	10%	Nickel
0.0012		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	0.00002g 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

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On behalf of:

