

Material Declaration for M80-315

Product Information	
Part Number:	M80-315
Part Description:	Male Crimp Coax Contact
Part Weight (g):	0.411

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	0.0162	2%	Copper	7440-50-8
	0.000548	1%	Zinc	7440-66-6
	0.000548	0.5%	Lead	7439-92-1
	0	0.000018g max	Iron (impurity only)	7439-89-6
	0	0.00073g max	Tin (impurity only)	7440-31-5
	0	0.000005g max	Nickel (impurity only)	7440-02-0
Inner Contact - Plating	0	0.000046g max	Phosphorus (impurity only)	7723-14-0
	0.000044	5%	Gold	7440-57-5
	0.00282	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
Insulator	0.0261	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	0.21	2%	Copper	7440-50-8
	0.00408	0.4%	Beryllium	7440-41-7
	0.000858	0.4%	Lead	7439-92-1
	0	0.000644g max	Nickel (impurity only)	7440-02-0
	0	0.000644g max	Cobalt (impurity only)	7440-48-4
	0	0.000429g max	Iron (impurity only)	7439-89-6
	0	0.000429g max	Aluminium (impurity only)	7429-90-5
	0	0.000429g max	Silicon (impurity only)	7440-21-3
Contact Shell - Plating	0	0.00107g max	Other Impurities	
	0.00235	10%	Nickel	7440-02-0
	0.000948	10%	Gold	7440-57-5

Prepared by:

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On behalf of:

HARWIN