


Material Declaration for M80-307

Product Information	
Part Number:	M80-307
Part Description:	Datamate Mix-Tek Coax contact
Part Weight (g):	0.442

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 #
Contact Shell - Brass	0.119	2%	Copper	7440-50-8
	0.0797	1%	Zinc	7440-66-6
	0.00613	0.50%	Lead	7439-92-1
	0	0.000613g max	Iron (impurity only)	7439-89-6
	0	0.000613g max	Tin (impurity only)	7440-31-5
	0	0.000061g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	0.000102g max	Aluminium (impurity only)	7429-90-5
	0	0.000409g max	Other Impurities	
	0.00109	5%	Gold	7440-57-5
	0.0027	10%	Nickel	7440-02-0
	0.00225	10%	Copper	7440-50-8
Contact Sleeve - Beryllium Copper	0.0248	2%	Copper	7440-50-8
	0.000101	0.40%	Beryllium	7440-41-7
	0.000456	0.80%	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	0.0347	5%	PTFE	9002-84-0
Crimp Sleeve - Brass	0.0858	2%	Copper	7440-50-8
	0.0577	1%	Zinc	7440-66-6
	0.00444	0.50%	Lead	7439-92-1
	0	0.000444g max	Iron (impurity only)	7439-89-6
	0	0.000444g max	Tin (impurity only)	7440-31-5
	0	0.000044g max	Nickel (impurity only)	7440-02-0
Crimp Sleeve - Plating	0	0.000074g max	Aluminium (impurity only)	7429-90-5
	0	0.000296g max	Other Impurities	
	0.000617	5%	Gold	7440-57-5
	0.00153	10%	Nickel	7440-02-0
	0.00127	10%	Copper	7440-50-8
Inner Contact - Beryllium Copper	0.0174	2%	Copper	7440-50-8
	0.000338	0.40%	Beryllium	7440-41-7
	0.000071	0.40%	Lead	7439-92-1
	0	0.000053g max	Nickel (impurity only)	7440-02-0
	0	0.000053g max	Cobalt (impurity only)	7440-48-4
	0	0.000036g max	Iron (impurity only)	7439-89-6
Inner Contact - Plating	0	0.000036g max	Aluminium (impurity only)	7429-90-5
	0	0.000036g max	Silicon (impurity only)	7440-21-3
	0	0.000089g max	Other Impurities	
	0.000516	10%	Nickel	7440-02-0
	0.000632	10%	Gold	7440-57-5

Prepared by: 

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On behalf of: 