


Material Declaration for M80-305

Product Information	
Part Number:	M80-305
Part Description:	Datamate Mix-Tek Coax contact
Part Weight (g):	0.388

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	0.104	2%	Copper	7440-50-8	
	0.0702	1%	Zinc	7440-66-6	
	0.0054	0.50%	Lead	7439-92-1	
	0	0.00054g max	Iron (impurity only)	7439-89-6	
	0	0.00054g max	Tin (impurity only)	7440-31-5	
	0	0.000054g max	Nickel (impurity only)	7440-02-0	
	0	0.00009g max	Aluminium (impurity only)	7429-90-5	
	0	0.00036g max	Other Impurities		
	Contact Shell - Plating	0.00103	5%	Gold	7440-57-5
		0.00254	10%	Nickel	7440-02-0
0.00212		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	
Contact Sleeve - Plating	0	0.000127g max	Other Impurities		
	0.000429	10%	Nickel	7440-02-0	
	Insulator	0.0347	5%	PTFE	9002-84-0
Crimp Sleeve - Brass		0.0682	2%	Copper	7440-50-8
	0.0459	1%	Zinc	7440-66-6	
	0.00353	0.50%	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	
Inner Contact - Beryllium Copper	0.0199	2%	Copper	7440-50-8	
	0.000387	0.40%	Beryllium	7440-41-7	
	0.000081	0.40%	Lead	7439-92-1	
	0	0.000061g max	Nickel (impurity only)	7440-02-0	
	0	0.000061g max	Cobalt (impurity only)	7440-48-4	
	0	0.000041g max	Iron (impurity only)	7439-89-6	
	0	0.000041g max	Aluminium (impurity only)	7429-90-5	
	0	0.000041g max	Silicon (impurity only)	7440-21-3	
	0	0.000102g max	Other Impurities		
	Inner Contact - Plating	0.000493	10%	Nickel	7440-02-0
0.000604		10%	Gold	7440-57-5	

Prepared by: 

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On behalf of:

