

Material Declaration for M80-500000M3-02-312-00-000

Product Information	
Part Number:	M80-500000M3-02-312-00-000
Part Description:	2mm PC Tail Coax Datamate
Part Weight (g):	1.689

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Coax Contact Outer - Beryllium Copper	0.186	1%	Copper	7440-50-8
	0.00361	0.2%	Beryllium	7440-41-7
	0.00076	0.5%	Lead	7439-92-1
	0	0.00057g max	Nickel (impurity only)	7440-02-0
	0	0.00057g max	Cobalt (impurity only)	7440-48-4
	0	0.00038g max	Iron (impurity only)	7439-89-6
	0	0.00038g max	Aluminium (impurity only)	7429-90-5
	0	0.00038g max	Silicon (impurity only)	7440-21-3
	0	0.00095g max	Other Impurities	
Coax Contact Outer - Plating	0.00111	5%	Gold	7440-57-5
	0.00275	10%	Nickel	7440-02-0
Coax Contact Inner - Phosphor Bronze	0.0209	6%	Copper	7440-50-8
	0.00094	1%	Tin	7440-31-5
	0.000058	0.5%	Phosphorus	7723-14-0
	0.000706	3%	Zinc	7440-66-6
	0.00094	1%	Lead	7439-92-1
	0	0.000024g max	Iron (impurity only)	7439-89-6
Coax Contact Inner - Plating	0.000066	25%	Gold	7440-57-5
	0.000416	25%	Nickel	7440-02-0
Coax Insulator	0.0466	5%	PTFE	9002-84-0
Jackscrews - Stainless Steel	0.383	10%	Iron	7439-89-6
	0.0969	4%	Chromium (Metallic)	7440-47-3
	0.0485	4%	Nickel	7440-02-0
	0.00862	0.8%	Copper	7440-50-8
	0.00135	0.5%	Sulphur	7704-34-9
	0	0.00043g max	Carbon (impurity only)	7440-44-0
	0	0.00539g max	Silicon (impurity only)	7440-21-3
	0	0.0108g max	Manganese (impurity only)	7439-96-5
	0	0.000242g max	Phosphorus (impurity only)	7723-14-0
	0	0.00323g max	Molybdenum (impurity only)	7439-98-7
0	0.000592g max	Nitrogen (impurity only)	7727-37-9	
Jackscrew Nuts - Stainless Steel	0.32	10%	Iron	7439-89-6
	0.0793	4%	Chromium (Metallic)	7440-47-3
	0.0396	4%	Nickel	7440-02-0
	0.00308	0.8%	Copper	7440-50-8
	0.0011	0.5%	Sulphur	7704-34-9
	0	0.000528g max	Carbon (impurity only)	7440-44-0
	0	0.0044g max	Silicon (impurity only)	7440-21-3
	0	0.00881g max	Manganese (impurity only)	7439-96-5
	0	0.000264g max	Phosphorus (impurity only)	7723-14-0
	0	0.0044g max	Molybdenum (impurity only)	7439-98-7
0	0.00088g max	Niobium (impurity only)	7440-03-1	
0	0.00044g max	Titanium (impurity only)	7440-32-6	
Moulding (total weight)	0.443	10%	30% Glass-Filled PPS	
Containing:	0.31	10%	PPS	26125-40-6
	0.133	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Prepared by: *M. J. Perry*

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Specialist
ComplianceTeam@harwin.co.uk

On behalf of:

