


Material Declaration for M80-MV312M3-XX

Product Information	
Part Number:	M80-MV312M3-XX
Part Description:	Datamate Mix-Tek Male Vertical
Part Weight (g):	(0.205 * XX) + 0.835

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 Shell - Beryllium Copper	0.0928 * XX	4%	Copper	7440-50-8	
	0.0018 * XX	2%	Beryllium	7440-41-7	
	0.00038 * XX	2%	Lead	7439-92-1	
	0	(0.000285 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000285 * XX)g max	Cobalt (impurity only)	7440-48-4	
	0	(0.00019 * XX)g max	Iron (impurity only)	7439-89-6	
Coax Contact Shell - Plating	0	(0.00019 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.00019 * XX)g max	Silicon (impurity only)	7440-21-3	
	0	(0.000475 * XX)g max	Other Impurities		
	0.000555 * XX	5%	Gold	7440-57-5	
	0.00137 * XX	10%	Nickel	7440-02-0	
Coax Insulator	0.0233 * XX	5%	PTFE	9002-84-0	
Coax Central Contact - Phosphor Bronze	0.0104 * XX	4%	Copper	7440-50-8	
	0.00047 * XX	1%	Tin	7440-31-5	
	0.000029 * XX	0.8%	Phosphorus	7723-14-0	
	0.000353 * XX	3%	Zinc	7440-66-6	
	0.00047 * XX	1%	Lead	7439-92-1	
	0	(0.000024 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000012 * XX)g max	Iron (impurity only)	7439-89-6	
	0.000033 * XX	10%	Gold	7440-57-5	
Coax Central Contact - Plating	0.000208 * XX	10%	Nickel	7440-02-0	
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		
Moulding (total weight)	(0.0733 * XX) + 0.297	10%	30% Glass-Filled PPS		
	Containing:	(0.0513 * XX) + 0.208	10%	PPS	26125-40-6
	(0.022 * XX) + 0.0891	10%	30% Glass Fibre	65997-17-3	
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

Prepared by: 

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

On behalf of: 