


Material Declaration for M80-5000000M2-XX-332-00-000

Product Information	
Part Number:	M80-5000000M2-XX-332-00-000
Part Description:	Datamate Mix-Tek Male Vertical
Part Weight (g):	(0.325 * XX) + 1.222

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 #
Power Contact - Beryllium Copper	0.244 * XX	4%	Copper	7440-50-8
	0.00475 * XX	2%	Beryllium	7440-41-7
	0.001 * XX	2%	Lead	7439-92-1
	0	(0.00075 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.00075 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.0005 * XX)g max	Iron (impurity only)	7439-89-6
Power Contact - Plating	0.000593 * XX	5%	Gold	7440-57-5
	0.00147 * XX	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.343	10%	Iron	7439-89-6
	0.0867	4%	Chromium (Metallic)	7440-47-3
	0.0433	4%	Nickel	7440-02-0
	0.0077	0.8%	Copper	7440-50-8
	0.0012	0.5%	Sulphur	7704-34-9
	0	0.000386g max	Carbon (impurity only)	7440-44-0
	0	0.00481g max	Silicon (impurity only)	7440-21-3
	0	0.00963g max	Manganese (impurity only)	7439-96-5
	0	0.000216g max	Phosphorus (impurity only)	7723-14-0
	0	0.00289g max	Molybdenum (impurity only)	7439-98-7
	0	0.00053g 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	0.0088g 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)	(0.0733 * 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: 