


Material Declaration for M80-400000F1-XX-PF5-00-000

Product Information	
Part Number:	M80-400000F1-XX-PF5-00-000
Part Description:	Datamate Mix-Tek Female cable
Part Weight (g):	(0.509 * XX) + 0.724

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Contact Shell - Beryllium Copper	0.347 * XX	2%	Copper	7440-50-8	
	0.00675 * XX	0.4%	Beryllium	7440-41-7	
	0.00107 * XX	0.8%	Nickel	7440-02-0	
	0	(0.00107 * XX)g max	Cobalt (impurity only)	7440-48-4	
	0	(0.000711 * XX)g max	Iron (impurity only)	7439-89-6	
Contact Shell - Plating	0	(0.000711 * XX)g max	Silicon (impurity only)	7440-21-3	
	0	(0.000711 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.00142 * XX)g max	Lead (impurity only)	7439-92-1	
	0.00302 * XX	5%	Gold	7440-57-5	
	0.00238 * XX	10%	Nickel	7440-02-0	
Contact Sleeve - Beryllium Copper	0.0248 * XX	2%	Copper	7440-50-8	
	0.000101 * XX	0.4%	Beryllium	7440-41-7	
	0.000456 * XX	0.8%	Nickel	7440-02-0	
	0	(0.000076 * XX)g max	Cobalt (impurity only)	7440-48-4	
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6	
Contact Sleeve - Plating	0	(0.000127 * XX)g max	Other Impurities		
	0.000429 * XX	10%	Nickel	7440-02-0	
	Jackscrew Circlips - Stainless Steel	0.0164	10%	Iron	7439-89-6
		0.0033	4%	Chromium (Metallic)	7440-47-3
		0.0002	4%	Nickel	7440-02-0
0.000078		0.8%	Copper	7440-50-8	
0.000004		0.5%	Sulphur	7704-34-9	
Jackscrew Bolts - Stainless Steel	0	0.000078g max	Carbon (impurity only)	7440-44-0	
	0	0.0002g max	Silicon (impurity only)	7440-21-3	
	0	0.0003g max	Manganese (impurity only)	7439-96-5	
	0	0.000008g max	Phosphorus (impurity only)	7723-14-0	
	0	0.00021g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00004g max	Niobium (impurity only)	7440-03-1	
	0	0.00002g max	Titanium (impurity only)	7440-32-6	
	0.4	10%	Iron	7439-89-6	
	0.099	4%	Chromium (Metallic)	7440-47-3	
	0.0495	4%	Nickel	7440-02-0	
	0.00385	0.8%	Copper	7440-50-8	
Moulding (total weight)	0.00137	0.5%	Sulphur	7704-34-9	
	0	0.00066g max	Carbon (impurity only)	7440-44-0	
	0	0.0055g max	Silicon (impurity only)	7440-21-3	
	0	0.011g max	Manganese (impurity only)	7439-96-5	
	0	0.00033g max	Phosphorus (impurity only)	7723-14-0	
	0	0.0055g max	Molybdenum (impurity only)	7439-98-7	
	0	0.0011g max	Niobium (impurity only)	7440-03-1	
	0	0.00055g max	Titanium (impurity only)	7440-32-6	
	(0.123 * XX) + 0.15	10%	30% Glass-Filled PPS		
	(0.0861 * XX) + 0.105	10%	PPS	26125-40-6	
	(0.0369 * XX) + 0.045	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: 