

Material Declaration for M80-400000F1-XX-307-00-000

Product Information	
Part Number:	M80-400000F1-XX-307-00-000
Part Description:	Datamate Mix-Tek Female cable
Part Weight (g):	(0.565 * XX) + 0.724

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 #
Coax Contact Shell - Brass	0.119 * XX	2%	Copper	7440-50-8
	0.0797 * XX	1%	Zinc	7440-66-6
	0.00613 * XX	0.5%	Lead	7439-92-1
	0	(0.000613 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000613 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000061 * XX)g max	Nickel (impurity only)	7440-02-0
Coax Contact Shell - Plating	0	(0.000102 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000409 * XX)g max	Other Impurities	
	0.00109 * XX	5%	Gold	7440-57-5
	0.0027 * XX	10%	Nickel	7440-02-0
	0.00225 * XX	10%	Copper	7440-50-8
Coax 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
	0	(0.000127 * XX)g max	Other Impurities	
Coax Contact Sleeve - Plating	0.000429 * XX	10%	Nickel	7440-02-0
Coax Insulator	0.0347 * XX	5%	PTFE	9002-84-0
Coax Crimp Sleeve - Brass	0.0858 * XX	2%	Copper	7440-50-8
	0.0577 * XX	1%	Zinc	7440-66-6
	0.00444 * XX	0.5%	Lead	7439-92-1
	0	(0.000444 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000444 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000044 * XX)g max	Nickel (impurity only)	7440-02-0
Coax Crimp Sleeve - Plating	0	(0.000074 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000296 * XX)g max	Other Impurities	
	0.000617 * XX	5%	Gold	7440-57-5
	0.00153 * XX	10%	Nickel	7440-02-0
	0.00127 * XX	10%	Copper	7440-50-8
Coax Inner Contact - Beryllium Copper	0.0174 * XX	1%	Copper	7440-50-8
	0.000338 * XX	0.2%	Beryllium	7440-41-7
	0.000071 * XX	0.5%	Lead	7439-92-1
	0	(0.000053 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000053 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000036 * XX)g max	Iron (impurity only)	7439-89-6
Coax Inner Contact - plating	0	(0.000036 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000036 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000089 * XX)g max	Other Impurities	
	0.000632 * XX	5%	Gold	7440-57-5
	0.000516 * 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
	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	
Jackscrew Bolts - Stainless Steel	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
	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	
Moulding (total weight)	(0.123 * XX) + 0.15	10%	30% Glass-Filled PPS	
Containing:	(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: *M. J. Perry*

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

On behalf of: **HARWIN**