

Material Declaration for M80-400000F2-XX-32C-00-000

Product Information	
Part Number:	M80-400000F2-XX-32C-00-000
Part Description:	Datamate Mix-Tek Female cable
Part Weight (g):	(1.013 * XX) + 0.893
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 #	
Contact Shell - Brass	0.426 * XX	2%	Copper	7440-50-8	
	0.286 * XX	1%	Zinc	7440-66-6	
	0.022 * XX	0.5%	Lead	7439-92-1	
	0	0.0022g max	Iron (impurity only)	7439-89-6	
	0	0.0022g max	Tin (impurity only)	7440-31-5	
	0	0.00022g max	Nickel (impurity only)	7440-02-0	
Contact Shell - Plating	0	0.000367g max	Aluminium (impurity only)	7429-90-5	
	0	0.00147g max	Other Impurities		
	0.00131 * XX	5%	Gold	7440-57-5	
	0.00325 * XX	10%	Nickel	7440-02-0	
	0.00271 * XX	10%	Copper	7440-50-8	
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	0.000076g max	Cobalt (impurity only)	7440-48-4	
	0	0.000025g max	Iron (impurity only)	7439-89-6	
	0	0.000127g max	Other Impurities		
Contact Sleeve - Plating	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	
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	
Jackscrews - Stainless Steel	0.405	10%	Iron	7439-89-6	
	0.1	4%	Chromium (Metallic)	7440-47-3	
	0.0501	4%	Nickel	7440-02-0	
	0.0139	0.5%	Sulphur	7704-34-9	
	0.0039	0.8%	Copper	7440-50-8	
	0	0.000668g max	Carbon (impurity only)	7440-44-0	
	0	0.00557g max	Silicon (impurity only)	7440-21-3	
	0	0.0111g max	Manganese (impurity only)	7439-96-5	
	0	0.000334g max	Phosphorus (impurity only)	7723-14-0	
	0	0.00557g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00111g max	Niobium (impurity only)	7440-03-1	
	0	0.000556g 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		

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On behalf of:



This declaration is valid without physical signature and is based on the information obtained from our suppliers at the time of issue. It reflects our actual knowledge following reasonable inquiry and does not rely on any chemical testing by Harwin Plc. This information is subject to change.