

Material Declaration for M80-403XXXX

Product Information	
Part Number:	M80-403XX42
Part Description:	Vertical Female Datamate
Part Weight (g):	(0.133 * XX) + 0.184

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Contact Shell - Brass	0.0226 * XX	2%	Copper	7440-50-8	
	0.0152 * XX	1%	Zinc	7440-66-6	
	0.00117 * XX	0.5%	Lead	7439-92-1	
	0	(0.000117 * XX)q max	Iron (impurity only)	7439-89-6	
	0	(0.000117 * XX)q max	Tin (impurity only)	7440-31-5	
	0	(0.000562 * XX)q max	Nickel (impurity only)	7440-02-0	
	0	(0.00002 * XX)q max	Aluminium (impurity only)	7429-90-5	
	0	(0.000195 * XX)q max	Other Impurities		
	Contact Shell - Plating	0.000973 * XX	5%	Tin	7440-31-5
		0.000445 * XX	10%	Nickel	7440-02-0
0.000297 * XX		10%	Copper	7440-50-8	
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8	
	0.00004 * XX	0.5%	Beryllium	7440-41-7	
	0	(0.000006 * XX)q max	Nickel (impurity only)	7440-02-0	
	0	(0.000006 * XX)q max	Cobalt (impurity only)	7440-48-4	
	0	(0.000004 * XX)q max	Iron (impurity only)	7439-89-6	
	0	(0.000004 * XX)q max	Aluminium (impurity only)	7429-90-5	
	0	(0.000004 * XX)q max	Silicon (impurity only)	7440-21-3	
	0	(0.000011 * XX)q max	Other Impurities		
	Contact Clip - Plating	0.000057 * XX	10%	Nickel	7440-02-0
		0.000006 * XX	5%	Gold	7440-57-5
Jackscrew Circlips - Stainless Steel	0.0164	10%	Iron	7439-89-6	
	0	0.000078q max	Carbon (impurity only)	7440-44-0	
	0	0.0002q max	Silicon (impurity only)	7440-21-3	
	0	0.0003q max	Manganese (impurity only)	7439-96-5	
	0	0.000008q max	Phosphorus (impurity only)	7723-14-0	
	0.0033	4%	Chromium (Metallic)	7440-47-3	
	0.000004	0.5%	Sulphur	7704-34-9	
	0.0002	4%	Nickel	7440-02-0	
	0	0.00021q max	Molybdenum (impurity only)	7439-98-7	
	0.000078	0.8%	Copper	7440-50-8	
Jackscrew Bolts - Stainless Steel	0.4	10%	Iron	7439-89-6	
	0	0.00066q max	Carbon (impurity only)	7440-44-0	
	0	0.0055q max	Silicon (impurity only)	7440-21-3	
	0	0.011q max	Manganese (impurity only)	7439-96-5	
	0	0.00033q max	Phosphorus (impurity only)	7723-14-0	
	0.099	4%	Chromium (Metallic)	7440-47-3	
	0.00137	0.5%	Sulphur	7704-34-9	
	0.0495	4%	Nickel	7440-02-0	
	0	0.0055q max	Molybdenum (impurity only)	7439-98-7	
	0	0.0011q max	Niobium (impurity only)	7440-03-1	
0	0.00055q max	Titanium (impurity only)	7440-32-6		
0.00385	0.8%	Copper	7440-50-8		
Moulding (total weight)	(0.0234 * XX) + 0.144	10%	30% Glass-Filled PPS		
Containing:	(0.0164 * XX) + 0.101	10%	PPS	26125-40-6	
Does not contain:	(0.00702 * XX) + 0.0432	10%	30% Glass Fibre	65997-17-3	
			Antimony		
			Other Brominated Flame Retardants		

Prepared by:



John P Collins
Product Environmental Compliance Specialist
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On behalf of:



Material Declaration for M80-403XXXX

Product Information	
Part Number:	M80-403XX05
Part Description:	Vertical Female Datamate
Part Weight (g):	(0.131 * XX) + 0.189

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Contact Shell - Brass	0.0226 * XX	2%	Copper	7440-50-8	
	0.0152 * XX	1%	Zinc	7440-66-6	
	0.00117 * XX	0.5%	Lead	7439-92-1	
	0	(0.000117 * XX)q max	Iron (impurity only)	7439-89-6	
	0	(0.000117 * XX)q max	Tin (impurity only)	7440-31-5	
	0	(0.000562 * XX)q max	Nickel (impurity only)	7440-02-0	
Contact Shell - Plating	0	(0.00002 * XX)q max	Aluminium (impurity only)	7429-90-5	
	0	(0.000195 * XX)q max	Other Impurities		
	0.00018 * XX	5%	Gold	7440-57-5	
	0.000445 * XX	10%	Nickel	7440-02-0	
	0.000371 * XX	10%	Copper	7440-50-8	
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8	
	0.00004 * XX	0.5%	Beryllium	7440-41-7	
	0	(0.000006 * XX)q max	Nickel (impurity only)	7440-02-0	
	0	(0.000006 * XX)q max	Cobalt (impurity only)	7440-48-4	
	0	(0.000004 * XX)q max	Iron (impurity only)	7439-89-6	
	0	(0.000004 * XX)q max	Aluminium (impurity only)	7429-90-5	
	0	(0.000004 * XX)q max	Silicon (impurity only)	7440-21-3	
	0	(0.000011 * XX)q max	Other Impurities		
	0.000057 * XX	10%	Nickel	7440-02-0	
	0.000006 * XX	5%	Gold	7440-57-5	
Jackscrew Circlips - Stainless Steel	0.0164	10%	Iron	7439-89-6	
	0	0.000078q max	Carbon (impurity only)	7440-44-0	
	0	0.0002q max	Silicon (impurity only)	7440-21-3	
	0	0.0003q max	Manganese (impurity only)	7439-96-5	
	0	0.000008q max	Phosphorus (impurity only)	7723-14-0	
	0.0033	4%	Chromium (Metallic)	7440-47-3	
	0.000004	0.5%	Sulphur	7704-34-9	
	0.0002	4%	Nickel	7440-02-0	
	0	0.00021q max	Molybdenum (impurity only)	7439-98-7	
	0.000078	0.8%	Copper	7440-50-8	
	Jackscrew Bolts - Stainless Steel	0.4	10%	Iron	7439-89-6
		0	0.00066q max	Carbon (impurity only)	7440-44-0
0		0.0055q max	Silicon (impurity only)	7440-21-3	
0		0.011q max	Manganese (impurity only)	7439-96-5	
0		0.00033q max	Phosphorus (impurity only)	7723-14-0	
0.099		4%	Chromium (Metallic)	7440-47-3	
0.00137		0.5%	Sulphur	7704-34-9	
0.0495		4%	Nickel	7440-02-0	
0		0.0055q max	Molybdenum (impurity only)	7439-98-7	
0		0.0011q max	Niobium (impurity only)	7440-03-1	
0		0.00055q max	Titanium (impurity only)	7440-32-6	
0.00385		0.8%	Copper	7440-50-8	
Moulding (total weight)	(0.0234 * XX) + 0.144	10%	30% Glass-Filled PPS		
Containing:	(0.0164 * XX) + 0.101	10%	PPS	26125-40-6	
Does not contain:	(0.00702 * XX) + 0.0432	10%	30% Glass Fibre	65997-17-3	
			Antimony		
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