

Material Declaration for M80-4D11205F2-04-327-00-000

Product Information	
Part Number:	M80-4D11205F2-04-327-00-000
Part Description:	2mm Female Mix-Tek Datamate
Part Weight (g):	4.106
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 #
Signal Contact Shell - Brass	0.424	2%	Copper	7440-50-8
	0.252	1%	Zinc	7440-66-6
	0.0138	0.5%	Lead	7439-92-1
	0	(0.00138)g max	Iron (impurity only)	7439-89-6
	0	(0.00138)g max	Tin (impurity only)	7440-31-5
	0	(0.00138)g max	Nickel (impurity only)	7440-02-0
	0	(0.000348)g max	Aluminium (impurity only)	7429-90-5
	0	(0.003444)g max	Other Impurities	
Signal Contact Shell - Plating	0.0035	5%	Gold	7440-57-5
	0.00868	10%	Nickel	7440-02-0
	0.00724	10%	Copper	7440-50-8
Signal Contact Clip - Beryllium Copper	0.0248	1%	Copper	7440-50-8
	0.00048	0.5%	Beryllium	7440-41-7
	0	(0.000072)g max	Nickel (impurity only)	7440-02-0
	0	(0.000072)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000048)g max	Iron (impurity only)	7439-89-6
	0	(0.000048)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000048)g max	Silicon (impurity only)	7440-21-3
	0	(0.000132)g max	Other Impurities	
Signal Contact Clip - Plating	0.00068	10%	Nickel	7440-02-0
	0.00007	5%	Gold	7440-57-5
Power Contact Shell - Brass	0.936	2%	Copper	7440-50-8
	0.628	1%	Zinc	7440-66-6
	0.048	0.5%	Lead	7439-92-1
	0	(0.00484)g max	Iron (impurity only)	7439-89-6
	0	(0.00484)g max	Tin (impurity only)	7440-31-5
	0	(0.00484)g max	Nickel (impurity only)	7440-02-0
	0	(0.000804)g max	Aluminium (impurity only)	7429-90-5
	0	(0.003212)g max	Other Impurities	
Power Contact Shell - Plating	0.00416	5%	Gold	7440-57-5
	0.0103	10%	Nickel	7440-02-0
	0.00856	10%	Copper	7440-50-8
Power Contact Sleeve - Beryllium Copper	0.0992	2%	Copper	7440-50-8
	0.000404	0.4%	Beryllium	7440-41-7
	0.00182	0.8%	Nickel	7440-02-0
	0	(0.000304)g max	Cobalt (impurity only)	7440-48-4
	0	(0.0001)g max	Iron (impurity only)	7439-89-6
	0	(0.000508)g max	Other Impurities	
Power Contact Sleeve - Plating	0.001716	10%	Nickel	7440-02-0
Jackscrews - Circlip	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	0.4	10%	Iron	7439-89-6
	0.099	4%	Chromium (Metallic)	7440-47-3
	0.0495	4%	Nickel	7440-02-0
	0.0137	0.5%	Sulphur	7704-34-9
	0.00385	0.8%	Copper	7440-50-8
	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)	1.0467	10%	30% Glass-Filled PPS	
Containing:	0.7327	10%	PPS	26125-40-6
	0.314	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Prepared by:

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On behalf of:

HARWIN

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.