


Material Declaration for M80-4D10642F1-00-000-04-327

Product Information	
Part Number:	M80-4D10642F1-00-000-04-327
Part Description:	2mm Crimp/Solder Datamate
Part Weight (g):	3.554
Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	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 #
Signal Contact Shell - Brass	0.212	2%	Copper	7440-50-8
	0.126	1%	Zinc	7440-66-6
	0.00689	0.5%	Lead	7439-92-1
	0	0.00069g max	Iron (impurity only)	7439-89-6
	0	0.00069g max	Tin (impurity only)	7440-31-5
Signal Contact Shell - Plating	0	0.00103g max	Nickel (impurity only)	7440-02-0
	0	0.000174g max	Aluminium (impurity only)	7429-90-5
	0	0.00172g max	Other Impurities	
	0.00949	5%	Tin	7440-31-5
	0.00434	10%	Nickel	7440-02-0
Signal Contact Shell - Plating	0.0029	10%	Copper	7440-50-8
	0.0124	1%	Copper	7440-50-8
	0.00024	0.5%	Beryllium	7440-41-7
	0	0.000036g max	Nickel (impurity only)	7440-02-0
	0	0.000036g max	Cobalt (impurity only)	7440-48-4
Signal Contact Clip - Beryllium Copper	0	0.000024g max	Iron (impurity only)	7439-89-6
	0	0.000024g max	Aluminium (impurity only)	7429-90-5
	0	0.000024g max	Silicon (impurity only)	7440-21-3
	0	0.000066g max	Other Impurities	
	0.000342	10%	Nickel	7440-02-0
Signal Contact Clip - Plating	0.000036	5%	Gold	7440-57-5
	0.932	2%	Copper	7440-50-8
	0.626	1%	Zinc	7440-66-6
	0.0482	0.5%	Lead	7439-92-1
	0	0.00482g max	Iron (impurity only)	7439-89-6
Power Contact Shell - Brass	0	0.00482g max	Tin (impurity only)	7440-31-5
	0	0.00482g max	Nickel (impurity only)	7440-02-0
	0	0.000804g max	Aluminium (impurity only)	7429-90-5
	0	0.00321g max	Other Impurities	
	0.00415	5%	Gold	7440-57-5
Power Contact Shell - Plating	0.0103	10%	Nickel	7440-02-0
	0.00856	10%	Copper	7440-50-8
	0.0992	2%	Copper	7440-50-8
	0.000404	0.4%	Beryllium	7440-41-7
	0.00182	0.8%	Nickel	7440-02-0
Power Contact Shell - Plating	0	0.000304g max	Cobalt (impurity only)	7440-48-4
	0	0.0001g max	Iron (impurity only)	7439-89-6
	0	0.000508g max	Other Impurities	
	0.00172	10%	Nickel	7440-02-0
	0.0164	10%	Iron	7439-89-6
Jackscrews - Circlip	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
Jackscrews - Stainless Steel	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
Jackscrews - Stainless Steel	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
	0.0137	0.5%	Sulphur	7704-34-9
Moulding (total weight)	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
Moulding (total weight)	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
	0.861	10%	30% Glass-Filled PPS	
	0.603	10%	PPS	26125-40-6
Moulding (total weight)	0.258	10%	30% Glass Fibre	65997-17-3
			Antimony	
Does not contain:			Other Brominated Flame Retardants	

Prepared by: 

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On behalf of:

