

Material Declaration for M80-4D11005F2-03-327-00-000

Product Information	
Part Number:	M80-4D11005F2-03-327-00-000
Part Description:	2mm Crimp/Solder Datamate
Part Weight (g):	3.351

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	0.353	2%	Copper	7440-50-8
	0.21	1%	Zinc	7440-66-6
	0.0115	0.5%	Lead	7439-92-1
	0	0.00115g max	Iron (impurity only)	7439-89-6
	0	0.00115g max	Tin (impurity only)	7440-31-5
	0	0.00173g max	Nickel (impurity only)	7440-02-0
Signal Contact Shell - Plating	0	0.00029g max	Aluminium (impurity only)	7429-90-5
	0	0.00288g max	Other Impurities	
	0.00293	25%	Gold	7440-57-5
	0.00723	25%	Nickel	7440-02-0
	0.00603	25%	Copper	7440-50-8
Signal Contact Clip - Beryllium Copper	0.0206	1%	Copper	7440-50-8
	0.0004	0.5%	Beryllium	7440-41-7
	0	0.00006g max	Nickel (impurity only)	7440-02-0
	0	0.00006g max	Cobalt (impurity only)	7440-48-4
	0	0.00004g max	Iron (impurity only)	7439-89-6
	0	0.00004g max	Aluminium (impurity only)	7429-90-5
	0	0.00004g max	Silicon (impurity only)	7440-21-3
	0	0.00011g max	Other Impurities	
	0.00057	10%	Nickel	7440-02-0
	0.00006	5%	Gold	7440-57-5
Power Contact Shell - Brass	0.699	2%	Copper	7440-50-8
	0.47	1%	Zinc	7440-66-6
	0.0361	0.5%	Lead	7439-92-1
	0	0.00362g max	Iron (impurity only)	7439-89-6
	0	0.00362g max	Tin (impurity only)	7440-31-5
	0	0.00362g max	Nickel (impurity only)	7440-02-0
	0	0.000603g max	Aluminium (impurity only)	7429-90-5
	0	0.00241g max	Other Impurities	
Power Contact Shell - Plating	0.00311	5%	Gold	7440-57-5
	0.0077	10%	Nickel	7440-02-0
	0.00642	10%	Copper	7440-50-8
Power Contact Sleeve - Beryllium Copper	0.0744	2%	Copper	7440-50-8
	0.000303	0.4%	Beryllium	7440-41-7
	0.00137	0.8%	Nickel	7440-02-0
	0	0.000228g max	Cobalt (impurity only)	7440-48-4
	0	0.000075g max	Iron (impurity only)	7439-89-6
	0	0.000381g max	Other Impurities	
	0.00129	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)	0.853	10%	30% Glass-Filled PPS	
Containing:	0.597	10%	PPS	26125-40-6
	0.256	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**