


Material Declaration for M80-4D10805F2-08-325-02-325

Product Information	
Part Number:	M80-4D10805F2-08-325-02-325
Part Description:	2mm Crimp/Solder Datamate
Part Weight (g):	6.505

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	0.282	2%	Copper	7440-50-8
	0.168	1%	Zinc	7440-66-6
	0.00918	0.5%	Lead	7439-92-1
	0	0.00092g max	Iron (impurity only)	7439-89-6
	0	0.00092g max	Tin (impurity only)	7440-31-5
Signal Contact Shell - Plating	0	0.00138g max	Nickel (impurity only)	7440-02-0
	0	0.000232g max	Aluminium (impurity only)	7429-90-5
	0	0.0023g max	Other Impurities	
	0.00234	25%	Gold	7440-57-5
	0.00578	25%	Nickel	7440-02-0
Signal Contact Shell - Beryllium Copper	0.00482	25%	Copper	7440-50-8
	0.0165	1%	Copper	7440-50-8
	0.00032	0.5%	Beryllium	7440-41-7
	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000048g max	Cobalt (impurity only)	7440-48-4
Signal Contact Clip - Beryllium Copper	0	0.000032g max	Iron (impurity only)	7439-89-6
	0	0.000032g max	Aluminium (impurity only)	7429-90-5
	0	0.000032g max	Silicon (impurity only)	7440-21-3
	0	0.000088g max	Other Impurities	
	0.000456	10%	Nickel	7440-02-0
Signal Contact Clip - Plating	0.000048	5%	Gold	7440-57-5
	1.995	2%	Copper	7440-50-8
	1.341	1%	Zinc	7440-66-6
	0.103	0.5%	Lead	7439-92-1
	0	0.0103g max	Iron (impurity only)	7439-89-6
Power Contact Shell - Brass	0	0.0103g max	Tin (impurity only)	7440-31-5
	0	0.0103g max	Nickel (impurity only)	7440-02-0
	0	0.00172g max	Aluminium (impurity only)	7429-90-5
	0	0.00688g max	Other Impurities	
	0.0112	5%	Gold	7440-57-5
Power Contact Shell - Plating	0.0277	10%	Nickel	7440-02-0
	0.0231	10%	Copper	7440-50-8
	0.248	2%	Copper	7440-50-8
	0.00101	0.4%	Beryllium	7440-41-7
	0.00455	0.8%	Nickel	7440-02-0
Power Contact Sleeve - Beryllium Copper	0	0.00076g max	Cobalt (impurity only)	7440-48-4
	0	0.00025g max	Iron (impurity only)	7439-89-6
	0	0.000127g max	Other Impurities	
	0.0043	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
Moulding (total weight)	0	0.00002g max	Titanium (impurity only)	7440-32-6
	1.671	10%	30% Glass-Filled PPS	
	1.17	10%	PPS	26125-40-6
	0.501	10%	30% Glass Fibre	65997-17-3
			Antimony	
Does not contain:			Other Brominated Flame Retardants	

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