

Material Declaration for M80-4C11005F2-02-325-02-325

Product Information	
Part Number:	M80-4C11005F2-02-325-02-325
Part Description:	2mm Crimp/Solder Datamate
Part Weight (g):	3.629

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	0.363	2%	Copper	7440-50-8
	0.201	1%	Zinc	7440-66-6
	0.0115	0.5%	Lead	7439-92-1
	0	0.00172g max	Iron (impurity only)	7439-89-6
	0	0.00172g max	Tin (impurity only)	7440-31-5
Signal Contact Shell - Plating	0	0.00172g max	Nickel (impurity only)	7440-02-0
	0	0.00029g max	Aluminium (impurity only)	7429-90-5
	0	0.00288g max	Other Impurities	
	0.00293	5%	Gold	7440-57-5
	0.00725	10%	Nickel	7440-02-0
Signal Contact Clip - Beryllium Copper	0.00605	10%	Copper	7440-50-8
	0.0207	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
Signal Contact Clip - Plating	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
Power Contact Shell - Brass	0.00006	5%	Gold	7440-57-5
	0.798	2%	Copper	7440-50-8
	0.536	1%	Zinc	7440-66-6
	0.0412	0.5%	Lead	7439-92-1
	0	0.00412g max	Iron (impurity only)	7439-89-6
Power Contact Shell - Plating	0	0.00412g max	Tin (impurity only)	7440-31-5
	0	0.00412g max	Nickel (impurity only)	7440-02-0
	0	0.00688g max	Aluminium (impurity only)	7429-90-5
	0	0.00276g max	Other Impurities	
	0.00448	5%	Gold	7440-57-5
Power Contact Sleeve - Beryllium Copper	0.0111	10%	Nickel	7440-02-0
	0.00924	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 Sleeve - 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
	0.000004	0.5%	Sulphur	7704-34-9
	0.0002	4%	Nickel	7440-02-0
	0.000078	0.8%	Copper	7440-50-8
	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
	1.008	10%	30% Glass-Filled PPS	
	0.706	10%	PPS	26125-40-6
	0.302	10%	30% Glass Fibre	65997-17-3
			Antimony	
Other Brominated Flame Retardants				

Prepared by: 

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Specialist
ComplianceTeam@harwin.co.uk

On behalf of:

HARWIN