

Material Declaration for M80-4C10405F2-05-325-01-325

Product Information	
Part Number:	M80-4C10405F2-05-325-01-325
Part Description:	2mm Crimp/Solder Datamate
Part Weight (g):	4.037

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	0.145	2%	Copper	7440-50-8	
	0.0804	1%	Zinc	7440-66-6	
	0.0046	0.5%	Lead	7439-92-1	
	0	0.000688g max	Iron (impurity only)	7439-89-6	
	0	0.000688g max	Tin (impurity only)	7440-31-5	
Signal Contact Shell - Plating	0	0.000688g max	Nickel (impurity only)	7440-02-0	
	0	0.000116g max	Aluminium (impurity only)	7429-90-5	
	0	0.00115g max	Other Impurities		
	0.00117	5%	Gold	7440-57-5	
	0.0029	10%	Nickel	7440-02-0	
Signal Contact Clip - Beryllium Copper	0.00242	10%	Copper	7440-50-8	
	0.00826	1%	Copper	7440-50-8	
	0.00016	0.5%	Beryllium	7440-41-7	
	0	0.000024g max	Nickel (impurity only)	7440-02-0	
	0	0.000024g max	Cobalt (impurity only)	7440-48-4	
Signal Contact Clip - Plating	0	0.000016g max	Iron (impurity only)	7439-89-6	
	0	0.000016g max	Aluminium (impurity only)	7429-90-5	
	0	0.000016g max	Silicon (impurity only)	7440-21-3	
	0	0.000044g max	Other Impurities		
	0.000228	10%	Nickel	7440-02-0	
Power Contact Shell - Brass	0.00024	5%	Gold	7440-57-5	
	1.197	2%	Copper	7440-50-8	
	0.804	1%	Zinc	7440-66-6	
	0.0618	0.5%	Lead	7439-92-1	
	0	0.00618g max	Iron (impurity only)	7439-89-6	
Power Contact Shell - Plating	0	0.00618g max	Tin (impurity only)	7440-31-5	
	0	0.00618g max	Nickel (impurity only)	7440-02-0	
	0	0.00103g max	Aluminium (impurity only)	7429-90-5	
	0	0.00414g max	Other Impurities		
	0.00672	5%	Gold	7440-57-5	
Power Contact Sleeve - Beryllium Copper	0.0167	10%	Nickel	7440-02-0	
	0.0139	10%	Copper	7440-50-8	
	0.149	2%	Copper	7440-50-8	
	0.000606	0.4%	Beryllium	7440-41-7	
	0.00273	0.8%	Nickel	7440-02-0	
Power Contact Sleeve - Plating	0	0.000456g max	Cobalt (impurity only)	7440-48-4	
	0	0.00015g max	Iron (impurity only)	7439-89-6	
	0	0.000762g max	Other Impurities		
	0.00258	10%	Nickel	7440-02-0	
	Jackscrews - Circlip	0.0164	10%	Iron	7439-89-6
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	
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		0.405	10%	Iron	7439-89-6
		0.01	4%	Chromium (Metallic)	7440-47-3
		0.0139	0.5%	Sulphur	7704-34-9
	0.0511	4%	Nickel	7440-02-0	
	0.0039	0.80%	Copper	7440-50-8	
	0	0.000668g max	Carbon (impurity only)	7440-44-0	
	0	0.00557g max	Silicon (impurity only)	7440-21-3	
	0	0.0111g max	Manganese (impurity only)	7439-96-5	
	0	0.000334g max	Phosphorus (impurity only)	7723-14-0	
	0	0.00557g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00111g max	Niobium (impurity only)	7440-03-1	
	0	0.000556g max	Titanium (impurity only)	7440-32-6	
	Moulding (total weight)	1.033	10%	30% Glass-Filled PPS	
	Containing:	0.723	10%	PPS	26125-40-6
		0.31	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**