

Material Declaration for M80-5T11022M3-03-331-00-000

Product Information	
Part Number:	M80-5T11022M3-03-331-00-000
Part Description:	2mm Vert + Power Datamate
Part Weight (g):	2.594

Process Data	
Peak Reflow (Deg. C)	235°C for 5 sec
Termination Finish	Tin/Lead over Nickel (Signal)
RoHS Compliant? (Y/N)	No

Note: RoHS compliant by threshold values, lead intentionally added, not recommended for Lead-Free Soldering.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Signal Contacts - Phosphor Bronze	0.14	2%	Copper	7440-50-8
	0.0074	1%	Tin	7440-31-5
	0.00028	0.5%	Phosphorus	7723-14-0
	0	0.00044g max	Zinc (impurity only)	7440-66-6
	0	0.00015g max	Iron (impurity only)	7439-89-6
	0	0.00007g max	Lead (impurity only)	7439-92-1
	0	0.00074g max	Other Impurities	
Contacts - Plating	0.00066	5%	Gold	7440-57-5
	0.00118	5%	Tin	7440-31-5
	0.0002	5%	Lead	7439-92-1
	0.00153	10%	Nickel	7440-02-0
Power Contact - Beryllium Copper	0.705	4%	Copper	7440-50-8
	0.0137	1.2%	Beryllium	7440-41-7
	0.00288	0.5%	Lead	7439-92-1
	0	0.00216g max	Nickel (impurity only)	7440-02-0
	0	0.00216g max	Cobalt (impurity only)	7440-48-4
	0	0.00144g max	Iron (impurity only)	7439-89-6
	0	0.00144g max	Aluminium (impurity only)	7429-90-5
	0	0.00144g max	Silicon (impurity only)	7440-21-3
	0	0.0036g max	Other Impurities	
Power Contact - Plating	0.00158	5%	Gold	7440-57-5
	0.00389	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.383	10%	Iron	7439-89-6
	0.0969	4%	Chromium (Metallic)	7440-47-3
	0.0485	4%	Nickel	7440-02-0
	0.00862	0.8%	Copper	7440-50-8
	0.00135	0.5%	Sulphur	7704-34-9
	0	0.00043g max	Carbon (impurity only)	7440-44-0
	0	0.00539g max	Silicon (impurity only)	7440-21-3
	0	0.0108g max	Manganese (impurity only)	7439-96-5
	0	0.000242g max	Phosphorus (impurity only)	7723-14-0
	0	0.00323g max	Molybdenum (impurity only)	7439-98-7
	0	0.000592g max	Nitrogen (impurity only)	7727-37-9
Jackscrew Nuts - Stainless Steel	0.32	10%	Iron	7439-89-6
	0.0793	4%	Chromium (Metallic)	7440-47-3
	0.0396	4%	Nickel	7440-02-0
	0.00308	0.8%	Copper	7440-50-8
	0.0011	0.5%	Sulphur	7704-34-9
	0	0.000528g max	Carbon (impurity only)	7440-44-0
	0	0.0044g max	Silicon (impurity only)	7440-21-3
	0	0.00881g max	Manganese (impurity only)	7439-96-5
	0	0.000264g max	Phosphorus (impurity only)	7723-14-0
	0	0.0044g max	Molybdenum (impurity only)	7439-98-7
	0	0.00088g max	Niobium (impurity only)	7440-03-1
	0	0.00044g max	Titanium (impurity only)	7440-32-6
Moulding (total weight)	0.734	10%	30% Glass-Filled PPS	
Containing:	0.514	10%	PPS	26125-40-6
	0.22	10%	30% Glass Fibre	65997-17-3
Does not contain:			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