


Material Declaration for M80-5L11022M7-02-333-02-333

Product Information	
Part Number:	M80-5L11022M7-02-333-02-333
Part Description:	2mm Horiz + Power Datamate
Part Weight (g):	4,295

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	0.208	5%	Copper	7440-50-8	
	0.0109	2%	Tin	7440-31-5	
	0.000415	1%	Phosphorus	7723-14-0	
	0	0.000655g max	Zinc (impurity only)	7440-66-6	
	0	0.000215g max	Iron (impurity only)	7439-89-6	
	0	0.00011g max	Lead (impurity only)	7439-92-1	
	0	0.0011g max	Other Impurities		
	Contacts - Plating	0.00066	5%	Gold	7440-57-5
		0.00173	5%	Tin	7440-31-5
		0.0003	5%	Lead	7439-92-1
0.00225		10%	Nickel	7440-02-0	
Power Contact - Beryllium Copper	1.828	4%	Copper	7440-50-8	
	0.0356	1.2%	Beryllium	7440-41-7	
	0.00748	2%	Lead	7439-92-1	
	0	0.00562g max	Nickel (impurity only)	7440-02-0	
	0	0.00562g max	Cobalt (impurity only)	7440-48-4	
	0	0.00374g max	Iron (impurity only)	7439-89-6	
	0	0.00374g max	Aluminium (impurity only)	7429-90-5	
	0	0.00374g max	Silicon (impurity only)	7440-21-3	
	0	0.00936g max	Other Impurities		
	Power Contact - Plating	0.00304	5%	Gold	7440-57-5
0.0075		10%	Nickel	7440-02-0	
Jackscrews - Stainless Steel	0.641	10%	Iron	7439-89-6	
	0.159	4%	Chromium (Metallic)	7440-47-3	
	0.0793	4%	Nickel	7440-02-0	
	0.0022	0.5%	Sulphur	7704-34-9	
	0	0.00106g max	Carbon (impurity only)	7440-44-0	
	0	0.00881g max	Silicon (impurity only)	7440-21-3	
	0	0.0176g max	Manganese (impurity only)	7439-96-5	
	0	0.000528g max	Phosphorus (impurity only)	7723-14-0	
	0	0.00881g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00176g max	Niobium (impurity only)	7440-03-1	
	0	0.000882g max	Titanium (impurity only)	7440-32-6	
	0	0.00617g max	Copper (impurity only)	7440-50-8	
	Jackscrew Bolts - Stainless Steel	0.364	10%	Iron	7439-89-6
0.0901		4%	Chromium (Metallic)	7440-47-3	
0.0451		4%	Nickel	7440-02-0	
0.00125		0.5%	Sulphur	7704-34-9	
0		0.0006g max	Carbon (impurity only)	7440-44-0	
0		0.00501g max	Silicon (impurity only)	7440-21-3	
0		0.01g max	Manganese (impurity only)	7439-96-5	
0		0.0003g max	Phosphorus (impurity only)	7723-14-0	
0		0.00501g max	Molybdenum (impurity only)	7439-98-7	
0		0.001g max	Niobium (impurity only)	7440-03-1	
0		0.0005g max	Titanium (impurity only)	7440-32-6	
0		0.0035g max	Copper (impurity only)	7440-50-8	
Moulding (total weight)		0.807	10%	30% Glass-Filled PPS	
Containing:	0.565	10%	PPS	26125-40-6	
	0.242	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:

