

Material Declaration for M80-5T10805M3-06-331-00-000

Product Information	
Part Number:	M80-5T10805M3-06-331-00-000
Part Description:	2mm Vert + Power Datamate
Part Weight (g):	3.467

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	Tin/Lead over Nickel (Signal)
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Signal Contacts - Phosphor Bronze	0.112	2%	Copper	7440-50-8	
	0.00591	1%	Tin	7440-31-5	
	0.000224	0.5%	Phosphorus	7723-14-0	
	0	0.000352g max	Zinc (impurity only)	7440-66-6	
	0	0.00012g max	Iron (impurity only)	7439-89-6	
	0	0.000056g max	Lead (impurity only)	7439-92-1	
	0	0.000592g max	Other Impurities		
	Contacts - Plating	0.00157	5%	Gold	7440-57-5
		0.00122	10%	Nickel	7440-02-0
	Power Contact - Beryllium Copper	1.41	4%	Copper	7440-50-8
0.0274		1.2%	Beryllium	7440-41-7	
0.00576		0.5%	Lead	7439-92-1	
0		0.00432g max	Nickel (impurity only)	7440-02-0	
0		0.00432g max	Cobalt (impurity only)	7440-48-4	
0		0.00288g max	Iron (impurity only)	7439-89-6	
0		0.00288g max	Aluminium (impurity only)	7429-90-5	
0		0.00288g max	Silicon (impurity only)	7440-21-3	
0		0.0072g max	Other Impurities		
Power Contact - Plating		0.00316	5%	Gold	7440-57-5
	0.00778	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)	0.911	10%	30% Glass-Filled PPS		
Containing:	0.638	10%	PPS	26125-40-6	
	0.273	10%	30% Glass Fibre	65997-17-3	
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

Prepared by: *M. J. Perry*

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

On behalf of:

