

Material Declaration for M80-5T10222M1-02-331-00-000

Product Information	
Part Number:	M80-5T10222M1-02-331-00-000
Part Description:	2mm Vert + Power Datamate
Part Weight (g):	1.33

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	0.028	2%	Copper	7440-50-8
	0.00148	1%	Tin	7440-31-5
	0.000056	0.5%	Phosphorus	7723-14-0
	0	0.000088g max	Zinc (impurity only)	7440-66-6
	0	0.00003g max	Iron (impurity only)	7439-89-6
	0	0.000014g max	Lead (impurity only)	7439-92-1
	0	0.000148g max	Other Impurities	
Contacts - Plating	0.000132	5%	Gold	7440-57-5
	0.000236	5%	Tin	7440-31-5
	0.00004	5%	Lead	7439-92-1
	0.000306	10%	Nickel	7440-02-0
Power Contact - Beryllium Copper	0.47	4%	Copper	7440-50-8
	0.00914	1.2%	Beryllium	7440-41-7
	0.00192	0.5%	Lead	7439-92-1
	0	0.00144g max	Nickel (impurity only)	7440-02-0
	0	0.00144g max	Cobalt (impurity only)	7440-48-4
	0	0.000962g max	Iron (impurity only)	7439-89-6
	0	0.000962g max	Aluminium (impurity only)	7429-90-5
	0	0.000962g max	Silicon (impurity only)	7440-21-3
	0	0.0024g max	Other Impurities	
Power Contact - Plating	0.00105	5%	Gold	7440-57-5
	0.00259	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.233	5%	Iron	7439-89-6
	0.059	2%	Chromium (Metallic)	7440-47-3
	0.0295	2%	Nickel	7440-02-0
	0.00524	0.8%	Copper	7440-50-8
	0.00082	0.5%	Sulphur	7704-34-9
	0	0.000262g max	Carbon (impurity only)	7440-44-0
	0	0.00328g max	Silicon (impurity only)	7440-21-3
	0	0.00655g max	Manganese (impurity only)	7439-96-5
	0	0.000148g max	Phosphorus (impurity only)	7723-14-0
	0	0.00197g max	Molybdenum (impurity only)	7439-98-7
	0	0.00036g max	Nitrogen (impurity only)	7727-37-9
Moulding (total weight)	0.487	10%	30% Glass-Filled PPS	
Containing:	0.341	10%	PPS	26125-40-6
	0.146	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: 