

Material Declaration for M80-5T10642M2-00-000-04-331

Product Information	
Part Number:	M80-5T10642M2-00-000-04-331
Part Description:	2mm Vert + Power Datamate
Part Weight (g):	2.705

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	100% Tin over Nickel (Signal)
RoHS Compliant? (Y/N)	Yes

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Signal Contacts - Phosphor Bronze	0.084	2%	Copper	7440-50-8	
	0.00443	1%	Tin	7440-31-5	
	0.000168	0.5%	Phosphorus	7723-14-0	
	0	0.000264g max	Zinc (impurity only)	7440-66-6	
	0	0.00009g max	Iron (impurity only)	7439-89-6	
Signal Contacts - Plating	0	0.000042g max	Lead (impurity only)	7439-92-1	
	0	0.000444g max	Other Impurities		
	0.000396	5%	Gold	7440-57-5	
	0.000786	5%	Tin	7440-31-5	
Power Contact - Beryllium Copper	0.000918	10%	Nickel	7440-02-0	
	0.94	4%	Copper	7440-50-8	
	0.0183	1.2%	Beryllium	7440-41-7	
	0.00384	0.5%	Lead	7439-92-1	
	0	0.00288g max	Nickel (impurity only)	7440-02-0	
	0	0.00288g max	Cobalt (impurity only)	7440-48-4	
	0	0.00192g max	Iron (impurity only)	7439-89-6	
	0	0.00192g max	Aluminium (impurity only)	7429-90-5	
	0	0.00192g max	Silicon (impurity only)	7440-21-3	
	0	0.0048g max	Other Impurities		
Power Contact - Plating	0.0021	5%	Gold	7440-57-5	
	0.00518	10%	Nickel	7440-02-0	
Jackscrews - Stainless Steel	0.343	10%	Iron	7439-89-6	
	0.0867	4%	Chromium (Metallic)	7440-47-3	
	0.0433	4%	Nickel	7440-02-0	
	0.0077	0.8%	Copper	7440-50-8	
	0.0012	0.5%	Sulphur	7704-34-9	
	0	0.000386g max	Carbon (impurity only)	7440-44-0	
	0	0.00481g max	Silicon (impurity only)	7440-21-3	
	0	0.00963g max	Manganese (impurity only)	7439-96-5	
	0	0.000216g max	Phosphorus (impurity only)	7723-14-0	
	0	0.00289g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00053g 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)		0.72	10%	30% Glass-Filled PPS	
	0.504	10%	PPS	26125-40-6	
	0.216	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**