

Material Declaration for M80-5T10605M1-02-331-00-000

Product Information

Part Number:	M80-5T10605M1-02-331-00-000
Part Description:	2mm Vert + Power Datamate
Part Weight (g):	1.485

Process Data

Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

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
	0	0.000042g max	Lead (impurity only)	7439-92-1
	0	0.000444g max	Other Impurities	
Signal Contacts - Plating	0.00118	5%	Gold	7440-57-5
	0.00918	10%	Nickel	7440-02-0
Power Contacts - Beryllium Copper	0.47	4%	Copper	7440-50-8
	0.00915	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	0.00096g max	Iron (impurity only)	7439-89-6
	0	0.00096g max	Aluminium (impurity only)	7429-90-5
	0	0.00096g max	Silicon (impurity only)	7440-21-3
	0	0.0024g max	Other Impurities	
Power Contacts - 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)	0.574	10%	30% Glass-Filled PPS	
Containing:	0.402	10%	PPS	26125-40-6
	0.172	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Prepared by:

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On behalf of:

HARWIN