

Material Declaration for M80-5L20422M5-02-333-00-000

Product Information	
Part Number:	M80-5L20422M5-02-333-00-000
Part Description:	2mm Horiz + Power Datamate
Part Weight (g):	2.9

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	0.0884	5%	Copper	7440-50-8
	0.00464	2%	Tin	7440-31-5
	0.000176	0.5%	Phosphorus	7723-14-0
	0	0.00028g max	Zinc (impurity only)	7440-66-6
	0	0.000096g max	Iron (impurity only)	7439-89-6
Signal Contacts - Plating	0	0.000048g max	Lead (impurity only)	7439-92-1
	0	0.000468g max	Other Impurities	
	0.00125	5%	Gold	7440-57-5
	0.000976	10%	Nickel	7440-02-0
	0.000776	5	Lead	7439-92-1
Power Contact - Beryllium Copper	0.0039	10	Nickel	7440-02-0
	0.914	4%	Copper	7440-50-8
	0.0178	1.2%	Beryllium	7440-41-7
	0.00374	2%	Lead	7439-92-1
	0	0.00281g max	Nickel (impurity only)	7440-02-0
Power Contact - Plating	0	0.00281g max	Cobalt (impurity only)	7440-48-4
	0	0.00187g max	Iron (impurity only)	7439-89-6
	0	0.00187g max	Aluminium (impurity only)	7429-90-5
	0	0.00187g max	Silicon (impurity only)	7440-21-3
	0	0.00468g max	Other Impurities	
Jackscrews - Stainless Steel	0.00152	5%	Gold	7440-57-5
	0.00375	10%	Nickel	7440-02-0
	0.641	10%	Iron	7439-89-6
	0.159	4%	Chromium (Metallic)	7440-47-3
	0.0793	4%	Nickel	7440-02-0
Jackscrew Bolts - Stainless Steel	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
Moulding (total weight)	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
	0.364	10%	Iron	7439-89-6
Containing:	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
Does not contain:	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
Other Brominated Flame Retardants	0	0.0035g max	Copper (impurity only)	7440-50-8
	0.53	10%	30% Glass-Filled PPS	
	0.371	10%	PPS	26125-40-6
	0.159	10%	30% Glass Fibre	65997-17-3
			Antimony	

Prepared by: 

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

On behalf of:

HARWIN