


# Material Declaration for M83-LMT1M3NXX-0000-000

Product Information	
Part Number:	M83-LMT1M3NXX-0000-000
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0361 * XX) + 1.932

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	0.014 * XX	5%	Copper	7440-50-8
	0.000739 * XX	2%	Tin	7440-31-5
	0.000028 * XX	1%	Phosphorus	7723-14-0
	0	(0.000044 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000015 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000007 * XX)g max	Lead (impurity only)	7439-92-1
Contacts - Plating	0.000196 * XX	5%	Gold	7440-57-5
	0.000153 * XX	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.783	5%	Iron	7439-89-6
	0.198	2%	Chromium (Metallic)	7440-47-3
	0.099	2%	Nickel	7440-02-0
	0.0176	0.8%	Copper	7440-50-8
	0.00275	0.5%	Sulphur	7704-34-9
	0	0.00088g max	Carbon (impurity only)	7440-44-0
	0	0.011g max	Silicon (impurity only)	7440-21-3
	0	0.022g max	Manganese (impurity only)	7439-96-5
	0	0.000496g max	Phosphorus (impurity only)	7723-14-0
	0	0.0066g max	Molybdenum (impurity only)	7439-98-7
0	0.00121g 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)	(0.021 * XX) + 0.389	10%	30% Glass-Filled PPS	
Containing:	(0.0147 * XX) + 0.272	10%	PPS	26125-40-6
	(0.0063 * XX) + 0.117	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: 