

Material Declaration for M80-5T1XXXXMC

Product Information	
Part Number:	M80-5T1XX05MC
Part Description:	2mm Vert Datamate
Part Weight (g):	(0.0377 * XX) + 0.721

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 #
Contacts - Phosphor Bronze	0.014 * XX	2%	Copper	7440-50-8
	0.000739 * XX	1%	Tin	7440-31-5
	0.000028 * XX	0.5%	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
	0	(0.000074 * XX)g max	Other Impurities	
Contacts - Plating	0.000196 * XX	5%	Gold	7440-57-5
	0.0001533 * XX	10%	Nickel	7440-02-0
101Lok Screw Retainers - Stainless Steel	0.294	5%	Iron	7439-89-6
	0.0745	2%	Chromium (Metallic)	7440-47-3
	0.0372	2%	Nickel	7440-02-0
	0.00662	0.8%	Copper	7440-50-8
	0.00103	0.5%	Sulphur	7704-34-9
	0	0.000332g max	Carbon (impurity only)	7440-44-0
	0	0.00414g max	Silicon (impurity only)	7440-21-3
	0	0.00828g max	Manganese (impurity only)	7439-96-5
	0	0.000186g max	Phosphorus (impurity only)	7723-14-0
	0	0.00248g max	Molybdenum (impurity only)	7439-98-7
	0	0.000456g max	Nitrogen (impurity only)	7727-37-9
Moulding (total weight)	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Material Declaration for M80-5T1XXXXMC

Product Information	
Part Number:	M80-5T1XX22MC
Part Description:	2mm Vert Datamate
Part Weight (g):	(0.0377 * XX) + 0.721

Process Data	
Peak Reflow (Deg. C)	235°C for 5 sec
Termination Finish	Tin/Lead over Nickel
RoHS Compliant? (Y/N)	No

Note: RoHS compliant by threshold values ONLY, lead intentionally added, not recommended for Lead-Free Soldering.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	0.014 * XX	2%	Copper	7440-50-8
	0.000739 * XX	1%	Tin	7440-31-5
	0.000028 * XX	0.5%	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
Contacts - Plating	0	(0.000007 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000074 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000118 * XX	5%	Tin	7440-31-5
	0.00002 * XX	5%	Lead	7439-92-1
101Lok Screw Retainers - Stainless Steel	0.000153 * XX	10%	Nickel	7440-02-0
	0.294	5%	Iron	7439-89-6
	0.0745	2%	Chromium (Metallic)	7440-47-3
	0.0372	2%	Nickel	7440-02-0
	0.00662	0.8%	Copper	7440-50-8
	0.00103	0.5%	Sulphur	7704-34-9
	0	0.000332g max	Carbon (impurity only)	7440-44-0
	0	0.00414g max	Silicon (impurity only)	7440-21-3
	0	0.00828g max	Manganese (impurity only)	7439-96-5
	0	0.000186g max	Phosphorus (impurity only)	7723-14-0
0	0.00248g max	Molybdenum (impurity only)	7439-98-7	
0	0.000456g max	Nitrogen (impurity only)	7727-37-9	
Moulding (total weight)	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	


Material Declaration for M80-5T1XXXXMC

Product Information	
Part Number:	M80-5T1XX42MC
Part Description:	2mm Vert Datamate
Part Weight (g):	(0.0377 * XX) + 0.721

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	100% Tin over Nickel
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 #
Contacts - Phosphor Bronze	0.014 * XX	2%	Copper	7440-50-8
	0.000739 * XX	1%	Tin	7440-31-5
	0.000028 * XX	0.5%	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
Contacts - Plating	0	(0.000007 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000074 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000131 * XX	5%	Tin	7440-31-5
	0.000153 * XX	10%	Nickel	7440-02-0
101Lok Screw Retainers - Stainless Steel	0.294	5%	Iron	7439-89-6
	0.0745	2%	Chromium (Metallic)	7440-47-3
	0.0372	2%	Nickel	7440-02-0
	0.00662	0.8%	Copper	7440-50-8
	0.00103	0.5%	Sulphur	7704-34-9
	0	0.000332g max	Carbon (impurity only)	7440-44-0
	0	0.00414g max	Silicon (impurity only)	7440-21-3
	0	0.00828g max	Manganese (impurity only)	7439-96-5
	0	0.000186g max	Phosphorus (impurity only)	7723-14-0
	0	0.00248g max	Molybdenum (impurity only)	7439-98-7
0	0.000456g max	Nitrogen (impurity only)	7727-37-9	
Moulding (total weight)	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.216	10%	PPS	26125-40-6
	(0.00678 * XX) + 0.0924	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 Consultant
ComplianceTeam@harwin.co.uk

On behalf of:

