

## Material Declaration for M80-540XXXX

Product Information	
Part Number:	M80-540XX05
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.0449 * XX) + 1.569

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	0.0207 * XX	5%	Copper	7440-50-8
	0.00109 * XX	2%	Tin	7440-31-5
	0.000042 * XX	1%	Phosphorus	7723-14-0
	0	(0.000066 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000011 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00011 * XX)g max	Other Impurities	
	0.000289 * XX	5%	Gold	7440-57-5
	0.000226 * XX	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.641	10%	Iron	7439-89-6
	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
	0.159	4%	Chromium (Metallic)	7440-47-3
	0.0022	0.5%	Sulphur	7704-34-9
	0.0793	4%	Nickel	7440-02-0
	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
Jackscrew Bolts - Stainless Steel	0.276	10%	Iron	7439-89-6
	0	0.000456g max	Carbon (impurity only)	7440-44-0
	0	0.0038g max	Silicon (impurity only)	7440-21-3
	0	0.0076g max	Manganese (impurity only)	7439-96-5
	0	0.000228g max	Phosphorus (impurity only)	7723-14-0
	0.0684	4%	Chromium (Metallic)	7440-47-3
	0.00095	0.5%	Sulphur	7704-34-9
	0.0342	4%	Nickel	7440-02-0
	0	0.0038g max	Molybdenum (impurity only)	7439-98-7
	0	0.00076g max	Niobium (impurity only)	7440-03-1
	0	0.00038g max	Titanium (impurity only)	7440-32-6
	0	0.00266g max	Copper (impurity only)	7440-50-8
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 M80-540XXXX

Product Information	
Part Number:	M80-540XX22
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.045 * XX) + 1.569

Process Data	
Peak Reflow (Deg. C)	235°C for 5 seconds
Termination Finish	Tin/Lead over Nickel
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 #
Contacts - Phosphor Bronze	0.0208 * XX	5%	Copper	7440-50-8
	0.0011 * XX	2%	Tin	7440-31-5
	0.000042 * XX	1%	Phosphorus	7723-14-0
	0	(0.000066 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000011 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00011 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000172 * XX	5%	Tin	7440-31-5
	0.00003 * XX	5%	Lead	7439-92-1
Jackscrews - Stainless Steel	0.000226 * XX	10%	Nickel	7440-02-0
	0.641	10%	Iron	7439-89-6
	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
	0.159	4%	Chromium (Metallic)	7440-47-3
	0.0022	0.5%	Sulphur	7704-34-9
	0.0793	4%	Nickel	7440-02-0
	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
Jackscrew Bolts - Stainless Steel	0.276	10%	Iron	7439-89-6
	0	0.000456g max	Carbon (impurity only)	7440-44-0
	0	0.0038g max	Silicon (impurity only)	7440-21-3
	0	0.0076g max	Manganese (impurity only)	7439-96-5
	0	0.000228g max	Phosphorus (impurity only)	7723-14-0
	0.0684	4%	Chromium (Metallic)	7440-47-3
	0.00095	0.5%	Sulphur	7704-34-9
	0.0342	4%	Nickel	7440-02-0
	0	0.0038g max	Molybdenum (impurity only)	7439-98-7
	0	0.00076g max	Niobium (impurity only)	7440-03-1
	0	0.00038g max	Titanium (impurity only)	7440-32-6
	0	0.00266g max	Copper (impurity only)	7440-50-8
	Moulding (total weight) Containing:	(0.0226 * XX) + 0.308	10%	30% Glass-Filled PPS
(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 M80-540XXXX

Product Information	
Part Number:	M80-540XX42
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.0449 * XX) + 1.569

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
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	0.0207 * XX	5%	Copper	7440-50-8		
	0.0011 * XX	2%	Tin	7440-31-5		
	0.000042 * XX	1%	Phosphorus	7723-14-0		
	0	(0.000066 * XX)g max	Zinc (impurity only)	7440-66-6		
	0	(0.000022 * XX)g max	Iron (impurity only)	7439-89-6		
Contacts - Plating	0	(0.000011 * XX)g max	Lead (impurity only)	7439-92-1		
	0	(0.00011 * XX)g max	Other Impurities			
	0.000066 * XX	5%	Gold	7440-57-5		
	0.000191 * XX	5%	Tin	7440-31-5		
	0.000226 * XX	10%	Nickel	7440-02-0		
Jackscrews - Stainless Steel	0.641	10%	Iron	7439-89-6		
	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		
	0.159	4%	Chromium (Metallic)	7440-47-3		
	0.0022	0.5%	Sulphur	7704-34-9		
	0.0793	4%	Nickel	7440-02-0		
	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		
	Jackscrew Bolts - Stainless Steel	0.276	10%	Iron	7439-89-6	
		0	0.000456g max	Carbon (impurity only)	7440-44-0	
		0	0.0038g max	Silicon (impurity only)	7440-21-3	
0		0.0076g max	Manganese (impurity only)	7439-96-5		
0		0.000228g max	Phosphorus (impurity only)	7723-14-0		
0.0684		4%	Chromium (Metallic)	7440-47-3		
0.00095		0.5%	Sulphur	7704-34-9		
0.0342		4%	Nickel	7440-02-0		
0		0.0038g max	Molybdenum (impurity only)	7439-98-7		
0		0.00076g max	Niobium (impurity only)	7440-03-1		
0		0.00038g max	Titanium (impurity only)	7440-32-6		
0		0.00266g max	Copper (impurity only)	7440-50-8		
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			

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