

## Material Declaration for M80-543XXXX

Product Information	
Part Number:	M80-543XX05
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.048 * XX) + 1.638

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 - Brass	0.0156 * XX	10%	Copper	7440-50-8
	0.00918 * XX	10%	Zinc	7440-66-6
	0	(0.000025 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000025 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000074 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000012 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000025 * XX)g max	Other Impurities	
Contacts - Plating	0.000323 * XX	5%	Gold	7440-57-5
	0.000252 * 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	0.326	10%	Iron	7439-89-6
	0	0.000538g max	Carbon (impurity only)	7440-44-0
	0	0.00448g max	Silicon (impurity only)	7440-21-3
	0	0.00896g max	Manganese (impurity only)	7439-96-5
	0	0.000268g max	Phosphorus (impurity only)	7723-14-0
	0.0806	4%	Chromium (Metallic)	7440-47-3
	0.00112	0.5%	Sulphur	7704-34-9
	0.0403	4%	Nickel	7440-02-0
	0	0.00448g max	Molybdenum (impurity only)	7439-98-7
	0	0.000896g max	Niobium (impurity only)	7440-03-1
	0	0.000448g max	Titanium (impurity only)	7440-32-6
	0	0.00313g 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 M80-543XXXX

Product Information	
Part Number:	M80-543XX22
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.0479 * XX) + 1.638

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 - Brass	0.0156 * XX	10%	Copper	7440-50-8
	0.00918 * XX	10%	Zinc	7440-66-6
	0	(0.000025 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000025 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000074 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000012 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000025 * XX)g max	Other Impurities	
Contacts - Plating	0.000096 * XX	5%	Gold	7440-57-5
	0.000114 * XX	5%	Tin	7440-31-5
	0.00002 * XX	5%	Lead	7439-92-1
	0.000252 * 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	0.326	10%	Iron	7439-89-6
	0	0.000538g max	Carbon (impurity only)	7440-44-0
	0	0.00448g max	Silicon (impurity only)	7440-21-3
	0	0.00896g max	Manganese (impurity only)	7439-96-5
	0	0.000268g max	Phosphorus (impurity only)	7723-14-0
	0.0806	4%	Chromium (Metallic)	7440-47-3
	0.00112	0.5%	Sulphur	7704-34-9
	0.0403	4%	Nickel	7440-02-0
	0	0.00448g max	Molybdenum (impurity only)	7439-98-7
	0	0.000896g max	Niobium (impurity only)	7440-03-1
	0	0.000448g max	Titanium (impurity only)	7440-32-6
0	0.00313g 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 M80-543XXXX

Product Information	
Part Number:	M80-543XX42
Part Description:	2mm Horiz Datamate
Part Weight (g):	(0.0479 * XX) + 1.638

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 - Brass	0.0156 * XX	10%	Copper	7440-50-8
	0.00918 * XX	10%	Zinc	7440-66-6
	0	(0.000025 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000025 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000074 * XX)g max	Nickel (impurity only)	7440-02-0
Contacts - Plating	0	(0.000012 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000025 * XX)g max	Other Impurities	
	0.000096 * XX	5%	Gold	7440-57-5
	0.000127 * XX	5%	Tin	7440-31-5
Jackscrews - Stainless Steel	0.000252 * 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
Jackscrew Bolts - Stainless Steel	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
	0.326	10%	Iron	7439-89-6
	0	0.000538g max	Carbon (impurity only)	7440-44-0
	0	0.00448g max	Silicon (impurity only)	7440-21-3
	0	0.00896g max	Manganese (impurity only)	7439-96-5
	0	0.000268g max	Phosphorus (impurity only)	7723-14-0
	0.0806	4%	Chromium (Metallic)	7440-47-3
	0.00112	0.5%	Sulphur	7704-34-9
Moulding (total weight) Containing:	0.0403	4%	Nickel	7440-02-0
	0	0.00448g max	Molybdenum (impurity only)	7439-98-7
	0	0.000896g max	Niobium (impurity only)	7440-03-1
	0	0.000448g max	Titanium (impurity only)	7440-32-6
	0	0.00313g max	Copper (impurity only)	7440-50-8
	(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	

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On behalf of:

