

Material Declaration for M80-853XXXX

Product Information	
Part Number:	M80-853XX22
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0376 * XX) + 0.188

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	0.014 * XX	2%	Copper	7440-50-8	
	0.000739 * XX	1%	Tin	7440-31-5	
	0.000028 * XX	0.3%	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	
Latches - Beryllium Copper	0.00002 * XX	10%	Lead	7439-92-1	
	0.000153 * XX	10%	Nickel	7440-02-0	
	0.0965	2%	Copper	7440-50-8	
	0.00167	0.2%	Beryllium	7440-41-7	
	0	0.000294g max	Nickel (impurity only)	7440-02-0	
	0	0.000294g max	Cobalt (impurity only)	7440-48-4	
	0	0.000196g max	Iron (impurity only)	7439-89-6	
Latches - Plating	0	0.000196g max	Aluminium (impurity only)	7429-90-5	
	0	0.000196g max	Silicon (impurity only)	7440-21-3	
	0	0.000492g max	Other Impurities		
	0.00146	10%	Nickel	7440-02-0	
	Moulding (total weight)	(0.0225 * XX) + 0.0885	10%	30% Glass-Filled PPS	
	Containing:	(0.0158 * XX) + 0.062	10%	PPS	26125-40-6
Does not contain:	(0.00675 * XX) + 0.0266	10%	30% Glass Fibre	65997-17-3	
			Antimony		
			Other Brominated Flame Retardants		

Material Declaration for M80-853XXXX

Product Information	
Part Number:	M80-853XX42
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0376 * XX) + 0.188

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	0.014 * XX	2%	Copper	7440-50-8
	0.000739 * XX	1%	Tin	7440-31-5
	0.000028 * XX	0.3%	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	(0.000074 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000131 * XX	5%	Tin	7440-31-5
Latches - Beryllium Copper	0.000153 * XX	10%	Nickel	7440-02-0
	0.0965	2%	Copper	7440-50-8
	0.00167	0.2%	Beryllium	7440-41-7
	0	0.000294g max	Nickel (impurity only)	7440-02-0
	0	0.000294g max	Cobalt (impurity only)	7440-48-4
	0	0.000196g max	Iron (impurity only)	7439-89-6
	0	0.000196g max	Aluminium (impurity only)	7429-90-5
	0	0.000196g max	Silicon (impurity only)	7440-21-3
	0	0.000492g max	Other Impurities	
	0.00146	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0225 * XX) + 0.0885	10%	30% Glass-Filled PPS	
	Containing:	(0.0158 * XX) + 0.062	PPS	26125-40-6
Does not contain:	(0.00675 * XX) + 0.0266	10%	30% Glass Fibre	65997-17-3
			Antimony	
			Other Brominated Flame Retardants	

Material Declaration for M80-853XXXX

Product Information	
Part Number:	M80-853XX45
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0376 * XX) + 0.188

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	2%	Copper	7440-50-8	
	0.000739 * XX	1%	Tin	7440-31-5	
	0.000028 * XX	0.3%	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	(0.000074 * XX)g max	Other Impurities		
	0.000196 * XX	5%	Gold	7440-57-5	
	0.000153 * XX	10%	Nickel	7440-02-0	
Latches - Beryllium Copper	0.0965	2%	Copper	7440-50-8	
	0.00167	0.2%	Beryllium	7440-41-7	
	0	0.000294g max	Nickel (impurity only)	7440-02-0	
	0	0.000294g max	Cobalt (impurity only)	7440-48-4	
	0	0.000196g max	Iron (impurity only)	7439-89-6	
	0	0.000196g max	Aluminium (impurity only)	7429-90-5	
	0	0.000196g max	Silicon (impurity only)	7440-21-3	
	0	0.000492g max	Other Impurities		
	Latches - Plating	0.00146	10%	Nickel	7440-02-0
	Moulding (total weight)	(0.0225 * XX) + 0.0885	10%	30% Glass-Filled PPS	
Containing:	(0.0158 * XX) + 0.062	10%	PPS	26125-40-6	
	(0.00675 * XX) + 0.0266	10%	30% Glass Fibre	65997-17-3	
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

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On behalf of:

