

Material Declaration for M80-831XXXX

Product Information	
Part Number:	M80-831XX42
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0589 * XX) + 0.172

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	0.024 * XX	2%	Copper	7440-50-8
	0.00127 * XX	1%	Tin	7440-31-5
	0.000048 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000076 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000013 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.0000127 * XX)g max	Other Impurities	
Contacts - Plating	0.000066 * XX	5%	Gold	7440-57-5
	0.000224 * XX	5%	Tin	7440-31-5
	0.000261 * 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)	(0.033 * XX) + 0.0723	5%	30% GF PA46	
Containing:	(0.0165 * XX) + 0.0362	5%	PA46	50327-22-5
	(0.0099 * XX) + 0.0217	5%	30% Glass Fibre	65997-17-3
	(0.00165 * XX) + 0.00362	5%	Antimony Trioxide	1309-64-4
	(0.00495 * XX) + 0.0108	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Material Declaration for M80-831XXXX

Product Information	
Part Number:	M80-831XX45
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0589 * XX) + 0.172

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	0.024 * XX	2%	Copper	7440-50-8
	0.00127 * XX	1%	Tin	7440-31-5
	0.000048 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000076 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000013 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000127 * XX)g max	Other Impurities	
	0.000334 * XX	5%	Gold	7440-57-5
	0.000261 * 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)	(0.033 * XX) + 0.0723	5%	30% GF PA46	
Containing:	(0.0165 * XX) + 0.0362	5%	PA46	50327-22-5
	(0.0099 * XX) + 0.0217	5%	30% Glass Fibre	65997-17-3
	(0.00165 * XX) + 0.00362	5%	Antimony Trioxide	1309-64-4
	(0.00495 * XX) + 0.0108	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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