

## Material Declaration for M80-852XXXX

Product Information	
Part Number:	M80-852XX42
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0481 * XX) + 0.0723

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	
Contacts - Plating	0	(0.000007 * XX)g max	Lead (impurity only)	7439-92-1	
	0	(0.00007 * 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	
Moulding (total weight)	(0.033 * XX) + 0.0723	10%	30% Glass-Filled PPS		
	Containing:	(0.0231 * XX) + 0.0506	10%	PPS	26125-40-6
	(0.0099 * XX) + 0.0217	10%	30% Glass Fibre	65997-17-3	
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

Product Information	
Part Number:	M80-852XX45
Part Description:	2mm Vertical Datamate
Part Weight (g):	(0.0481 * XX) + 0.0723

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	
Contacts - Plating	0	(0.000007 * XX)g max	Lead (impurity only)	7439-92-1	
	0	(0.00007 * XX)g max	Other Impurities		
	0.000196 * XX	5%	Gold	7440-57-5	
	0.000153 * XX	10%	Nickel	7440-02-0	
	Moulding (total weight)	(0.033 * XX) + 0.0723	10%	30% Glass-Filled PPS	
Containing:		(0.0231 * XX) + 0.0506	10%	PPS	26125-40-6
(0.0099 * XX) + 0.0217		10%	30% Glass Fibre	65997-17-3	
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

Prepared by: *M. J. Perry*

Martin J Perry, BSc(Eng) MSc CEng MIET  
Compliance Consultant  
ComplianceTeam@harwin.co.uk

On behalf of:

