

## Material Declaration for M80-843XXXX

Product Information	
Part Number:	M80-843XX22
Part Description:	2mm pitch Horiz Datamate
Part Weight (g):	(0.0518 * XX) + 0.0723

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.

2 hold-down straps used per connector

Product Information	
Part Number:	M80-0030006
Part Description:	Hold-down strap
Part Weight (g):	0.0764

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	0.0174 * XX	2%	Copper	7440-50-8
	0.00092 * XX	1%	Tin	7440-31-5
	0.000035 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000055 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000018 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000009 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000092 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000142 * XX	5%	Tin	7440-31-5
	0.000025 * XX	10%	Lead	7439-92-1
Moulding (total weight) Containing:	0.00019 * XX	10%	Nickel	7440-02-0
	(0.033 * XX) + 0.0723	5%	30% GF PA46	
	(0.0162 * XX) + 0.0355	5%	Polyamide 46	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)]	
	(0.000297 * XX) + 0.000651	5%	Carbon Black	1333-86-4

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Brass	0.0467	2%	Copper	7440-50-8
	0.0274	2%	Zinc	7440-66-6
Plating	0	0.000074g max	Lead (impurity only)	7439-92-1
	0	0.000074g max	Iron (impurity only)	7439-89-6
	0	0.000074g max	Tin (impurity only)	7440-31-5
	0	0.000223g max	Nickel (impurity only)	7440-02-0
	0	0.000037g max	Aluminium (impurity only)	7429-90-5
	0	0.000074g max	Other Impurities	
	0.00129	5%	Tin	7440-31-5
	0.00105	10%	Nickel	7440-02-0

## Material Declaration for M80-843XXXX

Product Information	
Part Number:	M80-843XX42
Part Description:	2mm pitch Horiz Datamate
Part Weight (g):	(0.0518 * 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	0.0174 * XX	2%	Copper	7440-50-8
	0.00092 * XX	1%	Tin	7440-31-5
	0.000035 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000055 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000018 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000009 * XX)g max	Lead (impurity only)	7439-92-1
Contacts - Plating	0	(0.000092 * XX)g max	Other Impurities	
	0.000066 * XX	5%	Gold	7440-57-5
	0.000158 * XX	5%	Tin	7440-31-5
	0.00019 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.033 * XX) + 0.0723	5%	30% GF PA46	
Containing:	(0.0162 * XX) + 0.0355	5%	Polyamide 46	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)]	
	(0.000297 * XX) + 0.000651	5%	Carbon Black	1333-86-4

2 hold-down straps used per connector

Product Information	
Part Number:	M80-0030006
Part Description:	Hold-down strap
Part Weight (g):	0.0764

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 #
Brass	0.0467	2%	Copper	7440-50-8
	0.0274	2%	Zinc	7440-66-6
	0	0.000074g max	Lead (impurity only)	7439-92-1
	0	0.000074g max	Iron (impurity only)	7439-89-6
	0	0.000074g max	Tin (impurity only)	7440-31-5
	0	0.000223g max	Nickel (impurity only)	7440-02-0
	0	0.000037g max	Aluminium (impurity only)	7429-90-5
	0	0.000074g max	Other Impurities	
Plating	0.00129	5%	Tin	7440-31-5
	0.00105	10%	Nickel	7440-02-0

## Material Declaration for M80-843XXXX

Product Information	
Part Number:	M80-843XX45
Part Description:	2mm pitch Horiz Datamate
Part Weight (g):	(0.0518 * 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	0.0174 * XX	2%	Copper	7440-50-8
	0.00092 * XX	1%	Tin	7440-31-5
	0.000035 * XX	0.3%	Phosphorus	7723-14-0
	0	(0.000055 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000018 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000009 * XX)g max	Lead (impurity only)	7439-92-1
Contacts - Plating	0	(0.000092 * XX)g max	Other Impurities	
	0.000243 * XX	5%	Gold	7440-57-5
	0.00019 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.033 * XX) + 0.0723	5%	30% GF PA46	
Containing:	(0.0162 * XX) + 0.0355	5%	Polyamide 46	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)]	
	(0.000297 * XX) + 0.000651	5%	Carbon Black	1333-86-4


2 hold-down straps used per connector

Product Information	
Part Number:	M80-0030006
Part Description:	Hold-down strap
Part Weight (g):	0.0764

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Brass	0.0467	2%	Copper	7440-50-8	
	0.0274	2%	Zinc	7440-66-6	
	0	0.000074g max	Lead (impurity only)	7439-92-1	
	0	0.000074g max	Iron (impurity only)	7439-89-6	
	0	0.000074g max	Tin (impurity only)	7440-31-5	
	0	0.000223g max	Nickel (impurity only)	7440-02-0	
	0	0.000037g max	Aluminium (impurity only)	7429-90-5	
	0	0.000074g max	Other Impurities		
	Plating	0.00129	5%	Tin	7440-31-5
		0.00105	10%	Nickel	7440-02-0

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Prepared by: 

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On behalf of: 