Material Declaration for M80-770XXXX

Product Information	
Part Number:	M80-770XX01
Part Description:	2mm Female PCT Datamate
Part Weight (g):	(0.0685 * XX) + 0.0334

Process Data	
Peak Reflow (Deg. C)	235°C for 5 seconds
Termination Finish	Tin/Lead over Nickel/Copper
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 #
Contact Shell - Brass	0.0257 * XX	2%	Copper	7440-50-8
	0.0173 * XX	1%	Zinc	7440-66-6
	0.00133 * XX	0.5%	Lead	7439-92-1
	0	(0.000133 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000133 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000133 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000022 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000222 * XX)g max	Other Impurities	
Contact Shell - Plating	0.000952 * XX	5%	Tin	7440-31-5
	0.000164 * XX	5%	Lead	7439-92-1
	0.000483 * XX	10%	Nickel	7440-02-0
	0.000323 * XX	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.5%	Beryllium	7440-41-7
	0	(0.000006 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000006 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000004 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000011 * XX)g max	Other Impurities	
Contact Clip - Plating	0.000057 * XX	10%	Nickel	7440-02-0
	0.000006 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0201 * XX) + 0.0334	5%	30% GF PA46	
Containing:	(0.0101 * XX) + 0.0167	5%	PA46	50327-22-5
	(0.00603 * XX) + 0.01	5%	30% Glass Fibre	65997-17-3
	(0.00101 * XX) + 0.00167	5%	Antimony Trioxide	1309-64-4
	(0.00302 * XX) + 0.00501	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Material Declaration for M80-770XXXX

Product Information	
Part Number:	M80-770XX42
Part Description:	2mm Female PCT Datamate
Part Weight (g):	(0.0685 * XX) + 0.0334

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel/Copper
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 #
Contact Shell - Brass	0.0257 * XX	2%	Copper	7440-50-8
	0.0173 * XX	1%	Zinc	7440-66-6
	0.00133 * XX	0.5%	Lead	7439-92-1
	0	(0.000133 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000133 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000133 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000022 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000222 * XX)g max	Other Impurities	
Contact Shell - Plating	0.00106 * XX	5%	Tin	7440-31-5
	0.000483 * XX	10%	Nickel	7440-02-0
	0.000323 * XX	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.5%	Beryllium	7440-41-7
	0	(0.000006 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000006 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000004 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000011 * XX)g max	Other Impurities	
Contact Clip - Plating	0.000057 * XX	10%	Nickel	7440-02-0
	0.000006 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0201 * XX) + 0.0334	5%	30% GF PA46	
Containing:	(0.0101 * XX) + 0.0167	5%	PA46	50327-22-5
	(0.00603 * XX) + 0.01	5%	30% Glass Fibre	65997-17-3
	(0.00101 * XX) + 0.00167	5%	Antimony Trioxide	1309-64-4
	(0.00302 * XX) + 0.00501	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Material Declaration for M80-770XXXX

Product Information	
Part Number:	M80-770XX45
Part Description:	2mm Female PCT Datamate
Part Weight (g):	(0.0677 * XX) + 0.0334

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0257 * XX	2%	Copper	7440-50-8
	0.0173 * XX	1%	Zinc	7440-66-6
	0.00133 * XX	0.5%	Lead	7439-92-1
	0	(0.000133 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000133 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000133 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000022 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000222 * XX)g max	Other Impurities	
Contact Shell - Plating	0.000195 * XX	5%	Gold	7440-57-5
	0.000483 * XX	10%	Nickel	7440-02-0
	0.000403 * XX	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.5%	Beryllium	7440-41-7
	0	(0.000006 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000006 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000004 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000011 * XX)g max	Other Impurities	
Contact Clip - Plating	0.000057 * XX	10%	Nickel	7440-02-0
	0.000006 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0201 * XX) + 0.0334	5%	30% GF PA46	
Containing:	(0.0101 * XX) + 0.0167	5%	PA46	50327-22-5
	(0.00603 * XX) + 0.01	5%	30% Glass Fibre	65997-17-3
	(0.00101 * XX) + 0.00167	5%	Antimony Trioxide	1309-64-4
	(0.00302 * XX) + 0.00501	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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