Material Declaration for B5740-1XX-F-C-#

Product Information	
Part Number:	B5740-1XX-F-C-0
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.109 * XX) + 0.0511

Process Data	
Peak Reflow (Deg. C)	n/a
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	0.0362 * XX	2%	Copper	7440-50-8
	0.0201 * XX	1%	Zinc	7440-66-6
	0.00115 * XX	0.50%	Lead	7439-92-1
	0	(0.000172 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000172 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000172 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000029 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000287 * XX)g max	Other Impurities	
Contact Shell - Plating	0.00158 * XX	5%	Tin	7440-31-5
	0.000723 * XX	10%	Nickel	7440-02-0
	0.000483 * XX	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.50%	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)	(0.0463 * XX) + 0.0511	5%	30% GF PBT	
Containing:	(0.0232 * XX) + 0.0256	5%	PBT	30965-26-5
	(0.0139 * XX) + 0.0153	5%	30% Glass Fibre	65997-17-3
	(0.00232 * XX) + 0.00256	5%	Antimony Trioxide	1309-64-4
	(0.00695 * XX) + 0.00767	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Material Declaration for B5740-1XX-F-C-#

Product Information	
Part Number:	B5740-1XX-F-C-2
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.108 * XX) + 0.511

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold 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	0.0362 * XX	2%	Copper	7440-50-8
	0.0201 * XX	1%	Zinc	7440-66-6
	0.00115 * XX	0.50%	Lead	7439-92-1
	0	(0.000172 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000172 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000172 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000029 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000287 * XX)g max	Other Impurities	
Contact Shell - Plating	0.000292 * XX	5%	Gold	7440-57-5
	0.000723 * XX	10%	Nickel	7440-02-0
	0.000603 * XX	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.50%	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)	(0.0463 * XX) + 0.0511	5%	30% GF PBT	
Containing:	(0.0232 * XX) + 0.0256	5%	PBT	30965-26-5
	(0.0139 * XX) + 0.0153	5%	30% Glass Fibre	65997-17-3
	(0.00232 * XX) + 0.00256	5%	Antimony Trioxide	1309-64-4
	(0.00695 * XX) + 0.00767	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

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