


## Material Declaration for M80-613XXXX

Product Information	
Part Number:	M80-613XX45
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.0982 * XX) + 0.079

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0353 * XX	2%	Copper	7440-50-8
	0.021 * XX	1%	Zinc	7440-66-6
	0.00115 * XX	0.5%	Lead	7439-92-1
	0	(0.000115 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000115 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000172 * XX)g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	(0.000029 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000287 * XX)g max	Other Impurities	
	0.000292 * XX	5%	Gold	7440-57-5
	0.000723 * XX	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	0.000603 * XX	10%	Copper	7440-50-8
	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.5%	Beryllium	7440-41-7
Contact Clip - Plating	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	
	0.000057 * XX	10%	Nickel	7440-02-0
Moulding (total weight) Containing:	0.000006 * XX	5%	Gold	7440-57-5
	(0.037 * XX) + 0.079	5%	30% GF PA46	
	(0.0185 * XX) + 0.0395	5%	PA46	50327-22-5
	(0.0111 * XX) + 0.0237	5%	30% Glass Fibre	65997-17-3
	(0.0185 * XX) + 0.00395	5%	Antimony Trioxide	1309-64-4
(0.0555 * XX) + 0.0119	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]		

Prepared by: 

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On behalf of: 