Material Declaration for M80-709XXXX

Product Information	
Part Number:	M80-709XX01
Part Description:	3-Row 2mm Vert Datamate
Part Weight (g):	(0.0931 * XX) + 0.399

Process Data	
Peak Reflow (Deg. C)	n/a
Plating Finish	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	0.0353 * 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
	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	0.5%	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)	(0.0307 * XX) + 0.399	5%	30% GF PA46	
Containing:	(0.0154 * XX) + 0.2	5%	PA46	50327-22-5
	(0.00921 * XX) + 0.12	5%	30% Glass Fibre	65997-17-3
	(0.00154 * XX) + 0.02	5%	Antimony Trioxide	1309-64-4
	(0.00461 * XX) + 0.0599	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Prepared by: M. J. Perry

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

On behalf of: HARWiN