

Material Declaration for M80-565XX05(A)

Product Information	
Part Number:	M80-565XX05
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.0867 * XX) + 0.714

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	0.0257 * XX	10%	Copper	7440-50-8	
	0.0152 * XX	10%	Zinc	7440-66-6	
	0.000834 * XX	5%	Lead	7439-92-1	
	0	(0.000083 * XX)g max	Iron (impurity only)	7439-89-6	
	0	(0.000083 * XX)g max	Tin (impurity only)	7440-31-5	
	0	(0.000125 * XX)g max	Nickel (impurity only)	7440-02-0	
Contact Shell - Plating	0	(0.000021 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.000083 * XX)g max	Other Impurities		
	0.000213 * XX	5%	Gold	7440-57-5	
	0.000527 * XX	10%	Nickel	7440-02-0	
	0.00044 * XX	10%	Copper	7440-50-8	
	Jackscrews - Stainless Steel	0.233	10%	Iron	7439-89-6
0.059		4%	Chromium (Metallic)	7440-47-3	
0.0295		4%	Nickel	7440-02-0	
0.00524		0.8%	Copper	7440-50-8	
0.00082		0.5%	Sulphur	7704-34-9	
0		0.000262g max	Carbon (impurity only)	7440-44-0	
0		0.00328g max	Silicon (impurity only)	7440-21-3	
0		0.00655g max	Manganese (impurity only)	7439-96-5	
0		0.000148g max	Phosphorus (impurity only)	7723-14-0	
0		0.00197g max	Molybdenum (impurity only)	7439-98-7	
0		0.00036g max	Nitrogen (impurity only)	7727-37-9	
Moulding (total weight)		(0.0438 * XX) + 0.386	10%	30% Glass-Filled PPS	
Containing:		(0.0307 * XX) + 0.27	10%	PPS	26125-40-6
		(0.0131 * XX) + 0.116	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

Product Information	
Part Number:	M80-565XX05A
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.0795 * XX) + 0.661

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	0.0257 * XX	10%	Copper	7440-50-8	
	0.0152 * XX	10%	Zinc	7440-66-6	
	0.000834 * XX	5%	Lead	7439-92-1	
	0	(0.000083 * XX)g max	Iron (impurity only)	7439-89-6	
	0	(0.000083 * XX)g max	Tin (impurity only)	7440-31-5	
	0	(0.000125 * XX)g max	Nickel (impurity only)	7440-02-0	
Contact Shell - Plating	0	(0.000021 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.000083 * XX)g max	Other Impurities		
	0.000213 * XX	5%	Gold	7440-57-5	
	0.000527 * XX	10%	Nickel	7440-02-0	
	0.00044 * XX	10%	Copper	7440-50-8	
	Jackscrews - Stainless Steel	0.233	10%	Iron	7439-89-6
0.059		4%	Chromium (Metallic)	7440-47-3	
0.0295		4%	Nickel	7440-02-0	
0.00524		0.8%	Copper	7440-50-8	
0.00082		0.5%	Sulphur	7704-34-9	
0		0.000262g max	Carbon (impurity only)	7440-44-0	
0		0.00328g max	Silicon (impurity only)	7440-21-3	
0		0.00655g max	Manganese (impurity only)	7439-96-5	
0		0.000148g max	Phosphorus (impurity only)	7723-14-0	
0		0.00197g max	Molybdenum (impurity only)	7439-98-7	
0		0.00036g max	Nitrogen (impurity only)	7727-37-9	
Moulding (total weight)		(0.0366 * XX) + 0.333	10%	30% Glass-Filled PPS	
Containing:		(0.0256 * XX) + 0.233	10%	PPS	26125-40-6
		(0.011 * XX) + 0.0999	10%	30% Glass Fibre	65997-17-3
Does not contain:			Antimony		
			Other Brominated Flame Retardants		

Prepared by: *M. J. Perry* Martin J Perry, BSc(Eng) MSc CEng MIET
 Compliance Specialist
 ComplianceTeam@harwin.co.uk

On behalf of: **HARWIN**