

Material Declaration for M80-582XX05

Product Information	
Part Number:	M80-582XX05
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.0779 * XX) + 1.062

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		
Contact Shell - Plating	0	(0.000125 * XX)g max	Nickel (impurity only)	7440-02-0		
	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		
Jackscrews - Stainless Steel	0.00044 * XX	10%	Copper	7440-50-8		
	0.362	10%	Iron	7439-89-6		
	0.0915	4%	Chromium (Metallic)	7440-47-3		
	0.0457	4%	Nickel	7440-02-0		
	0.00813	0.8%	Copper	7440-50-8		
	0.00127	0.5%	Sulphur	7704-34-9		
	0	0.000406g max	Carbon (impurity only)	7440-44-0		
	0	0.00508g max	Silicon (impurity only)	7440-21-3		
	0	0.0102g max	Manganese (impurity only)	7439-96-5		
	0	0.000228g max	Phosphorus (impurity only)	7723-14-0		
	0	0.00305g max	Molybdenum (impurity only)	7439-98-7		
	0	0.000558g max	Nitrogen (impurity only)	7727-37-9		
	Jackscrew Retainers - Stainless Steel	0.161	10%	Iron	7439-89-6	
		0.0399	4%	Chromium (Metallic)	7440-47-3	
		0.02	4%	Nickel	7440-02-0	
0.00155		0.8%	Copper	7440-50-8		
0.000554		0.5%	Sulphur	7704-34-9		
0		0.000266g max	Carbon (impurity only)	7440-44-0		
0		0.00222g max	Silicon (impurity only)	7440-21-3		
0		0.00443g max	Manganese (impurity only)	7439-96-5		
0		0.000134g max	Phosphorus (impurity only)	7723-14-0		
0		0.00222g max	Molybdenum (impurity only)	7439-98-7		
0		0.000444g max	Niobium (impurity only)	7440-03-1		
0		0.000222g max	Titanium (impurity only)	7440-32-6		
Moulding (total weight)		(0.035 * XX) + 0.33	10%	30% Glass-Filled PPS		
		Containing:	(0.0245 * XX) + 0.231	10%	PPS	26125-40-6
		(0.0105 * XX) + 0.099	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