

## Material Declaration for M80-563XX05

Product Information	
Part Number:	M80-563XX05
Part Description:	2mm Crimp Datamate
Part Weight (g):	(0.0819 * XX) + 1.128

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	0.0281 * XX	10%	Copper	7440-50-8	
	0.0167 * XX	10%	Zinc	7440-66-6	
	0.000915 * XX	5%	Lead	7439-92-1	
	0	(0.000091 * XX)g max	Iron (impurity only)	7439-89-6	
Contact Shell - Plating	0	(0.000091 * XX)g max	Tin (impurity only)	7440-31-5	
	0	(0.000137 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000023 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.000091 * XX)g max	Other Impurities		
Contact Shell - Plating	0.000208 * XX	5%	Gold	7440-57-5	
	0.000515 * XX	10%	Nickel	7440-02-0	
	0.000429 * XX	10%	Copper	7440-50-8	
Jackscrews - Stainless Steel	0.415	10%	Iron	7439-89-6	
	0	0.000684g max	Carbon (impurity only)	7440-44-0	
	0	0.0057g max	Silicon (impurity only)	7440-21-3	
	0	0.0114g max	Manganese (impurity only)	7439-96-5	
	0	0.000342g max	Phosphorus (impurity only)	7723-14-0	
	0.103	4%	Chromium (Metallic)	7440-47-3	
	0.00143	0.5%	Sulphur	7704-34-9	
	0.0513	4%	Nickel	7440-02-0	
	0	0.0057g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00114g max	Niobium (impurity only)	7440-03-1	
	0	0.0057g max	Titanium (impurity only)	7440-32-6	
	0.00399	0.8%	Copper	7440-50-8	
	Jackscrew Retainers - Stainless Steel	0.161	10%	Iron	7439-89-6
		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	
0.0399		4%	Chromium (Metallic)	7440-47-3	
0.000554		0.5%	Sulphur	7704-34-9	
0.02		4%	Nickel	7440-02-0	
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	
0.00155		0.8%	Copper	7440-50-8	
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		

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On behalf of: **HARWIN**