

Material Declaration for M80-FC327F1-XX-YYYYL

Product Information	
Part Number:	M80-FC327F1-XX-YYYYL
Part Description:	Datamate Female Power Cable Assy
Part Weight (g):	(0.558 * XX) + 0.734 + (0.015 * XX * YYYY)
Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shells - Brass	0.234 * XX	2%	Copper	7440-50-8
	0.157 * XX	1%	Zinc	7440-66-6
Contact Shells - Plating	0.012 * XX	0.50%	Lead	7439-92-1
	0	(0.00121 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.00121 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.00121 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000201 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000803 * XX)g max	Other Impurities	
Contact Shells - Plating	0.00104 * XX	5%	Gold	7440-57-5
	0.00257 * XX	10%	Nickel	7440-02-0
	0.00214 * XX	10%	Copper	7440-50-8
Contact Sleeves - Beryllium Copper	0.0248 * XX	2%	Copper	7440-50-8
	0.000101 * XX	0.40%	Beryllium	7440-41-7
	0.000456 * XX	0.80%	Nickel	7440-02-0
	0	(0.000076 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000127 * XX)g max	Other Impurities	
	0.000429 * XX	10%	Nickel	7440-02-0
Jackscrew Bolts - Stainless Steel	0.4	10%	Iron	7439-89-6
	0.099	4%	Chromium (Metallic)	7440-47-3
	0.00137	0.50%	Sulphur	7704-34-9
	0.0495	4%	Nickel	7440-02-0
	0.00385	0.80%	Copper	7440-50-8
	0	0.00066g max	Carbon (impurity only)	7440-44-0
	0	0.0055g max	Silicon (impurity only)	7440-21-3
	0	0.011g max	Manganese (impurity only)	7439-96-5
	0	0.00033g max	Phosphorus (impurity only)	7723-14-0
	0	0.0055g max	Molybdenum (impurity only)	7439-98-7
	0	0.0011g max	Niobium (impurity only)	7440-03-1
	0	0.00055g max	Titanium (impurity only)	7440-32-6
	0.0164	10%	Iron	7439-89-6
	0.0033	4%	Chromium (Metallic)	7440-47-3
Jackscrew Circlips - Stainless Steel	0.000078	0.50%	Copper	7440-50-8
	0.00021	0.50%	Molybdenum	7439-98-7
	0	0.0002g max	Nickel (impurity)	7440-02-0
	0	0.000078g max	Carbon (impurity only)	7440-44-0
	0	0.0002g max	Silicon (impurity only)	7440-21-3
	0	0.0003g max	Manganese (impurity only)	7439-96-5
	0	0.000008g max	Phosphorus (impurity only)	7723-14-0
	0	0.000004g max	Sulphur (impurity only)	7704-34-9
Moulding (total weight)	(0.123 * XX) + 0.15	5%	30% Glass-Filled PPS	
Containing:	(0.0859 * XX) + 0.105	5%	PPS	2612540-6
	(0.0368 * XX) + 0.0449	5%	Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
Wire	0.00534 * XX * YYYY	10%	Copper	7440-50-8
Wire - Plating	0.000629 * XX * YYYY	10%	Silver	7440-22-4
Wire - Insulation	0.00903 * XX * YYYY	10%	PTFE	9002-84-0

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**