

Material Declaration for M80-FC305F1-XX

Product Information	
Part Number:	M80-FC305F1-XX
Part Description:	Datamate Female Coax Connector
Part Weight (g):	(0.511 * XX) + 0.72

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 #	
Coax Contact Shell - Brass	0.104 * XX	2%	Copper	7440-50-8	
	0.0702 * XX	1%	Zinc	7440-66-6	
	0.0054 * XX	0.50%	Lead	7439-92-1	
	0	(0.00054 * XX)g max	Iron (impurity only)	7439-89-6	
	0	(0.00054 * XX)g max	Tin (impurity only)	7440-31-5	
	0	(0.000054 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.00009 * XX)g max	Aluminium (impurity only)	7429-90-5	
Coax Contact Shell - Plating	0	(0.00036 * XX)g max	Other Impurities		
	0.00103 * XX	5%	Gold	7440-57-5	
	0.00254 * XX	10%	Nickel	7440-02-0	
	0.00212 * XX	10%	Copper	7440-50-8	
Coax Insulator	0.0347 * XX	5%	PTFE	9002-84-0	
Coax Sleeve - Brass	0.0682 * XX	2%	Copper	7440-50-8	
	0.0459 * XX	1%	Zinc	7440-66-6	
	0.00353 * XX	0.50%	Lead	7439-92-1	
	0	(0.000353 * XX)g max	Iron (impurity only)	7439-89-6	
	0	(0.000353 * XX)g max	Tin (impurity only)	7440-31-5	
	0	(0.000035 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000059 * XX)g max	Aluminium (impurity only)	7429-90-5	
Coax Sleeve - Plating	0	(0.000235 * XX)g max	Other Impurities		
	0.000491 * XX	5%	Gold	7440-57-5	
	0.00121 * XX	10%	Nickel	7440-02-0	
	0.00101 * XX	10%	Copper	7440-50-8	
Coax Inner Contact - Beryllium Copper	0.0199 * XX	2%	Copper	7440-50-8	
	0.000387 * XX	0.40%	Beryllium	7440-41-7	
	0.000081 * XX	0.40%	Lead	7439-92-1	
	0	(0.000061 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000061 * XX)g max	Cobalt (impurity only)	7440-48-4	
	0	(0.000041 * XX)g max	Iron (impurity only)	7439-89-6	
	0	(0.000041 * XX)g max	Aluminium (impurity only)	7429-90-5	
	0	(0.000041 * XX)g max	Silicon (impurity only)	7440-21-3	
Coax Inner Contact - Plating	0	(0.000102 * XX)g max	Other Impurities		
	0.000493 * XX	10%	Nickel	7440-02-0	
	0.000604 * XX	10%	Gold	7440-57-5	
Coax Retaining Collar - 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		
Coax Retaining Collar - Plating	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	
Jackscrew Circlips - Stainless Steel	0.0164	10%	Iron	7439-89-6	
	0.0033	4%	Chromium (Metallic)	7440-47-3	
	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		

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**