

Material Declaration for M80-FC305F1-XX-YYYYF1

Product Information	
Part Number:	M80-FC305F1-XX-YYYYF1
Part Description:	Datamate Mix-Tek Female cable
Part Weight (g):	(1.021 * XX) + 1.447 + (0.015 * XX * YYYY)

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 #
Coax Contact Shell - Brass	0.208 * XX	2%	Copper	7440-50-8
	0.14 * XX	1%	Zinc	7440-66-6
	0.0108 * XX	0.5%	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
Coax Contact Shell - Plating	0	(0.000054 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.00009 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.00036 * XX)g max	Other Impurities	
	0.00206 * XX	5%	Gold	7440-57-5
	0.00508 * XX	10%	Nickel	7440-02-0
Coax Contact Sleeve - Beryllium Copper	0.00424 * XX	10%	Copper	7440-50-8
	0.0496 * XX	2%	Copper	7440-50-8
	0.000202 * XX	0.4%	Beryllium	7440-41-7
	0.000912 * XX	0.8%	Nickel	7440-02-0
	0	(0.000076 * XX)g max	Cobalt (impurity only)	7440-48-4
Coax Contact Sleeve - Plating	0	(0.000025 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000127 * XX)g max	Other Impurities	
	0.000858 * XX	10%	Nickel	7440-02-0
	0.0694 * XX	5%	PTFE	9002-84-0
	0.136 * XX	2%	Copper	7440-50-8
Coax Crimp Sleeve - Brass	0.0918 * XX	1%	Zinc	7440-66-6
	0.00706 * XX	0.5%	Lead	7439-92-1
	0	(0.000035 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000035 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000035 * XX)g max	Nickel (impurity only)	7440-02-0
Coax Crimp Sleeve - Plating	0	(0.000059 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000235 * XX)g max	Other Impurities	
	0.000982 * XX	5%	Gold	7440-57-5
	0.00242 * XX	10%	Nickel	7440-02-0
	0.00202 * XX	10%	Copper	7440-50-8
Coax Inner Contact - Beryllium Copper	0.0398 * XX	1%	Copper	7440-50-8
	0.000774 * XX	0.2%	Beryllium	7440-41-7
	0.000162 * XX	0.5%	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
Coax Inner Contact - plating	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
	0	(0.000102 * XX)g max	Other Impurities	
	0.00121 * XX	5%	Gold	7440-57-5
Jackscrew Circlips - Stainless Steel	0.000986 * XX	10%	Nickel	7440-02-0
	0.0328	10%	Iron	7439-89-6
	0.0066	4%	Chromium (Metallic)	7440-47-3
	0.0004	4%	Nickel	7440-02-0
	0.000156	0.8%	Copper	7440-50-8
Jackscrew Bolts - Stainless Steel	0.000008	0.5%	Sulphur	7704-34-9
	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
Moulding (total weight)	0	0.00021g max	Molybdenum (impurity only)	7439-98-7
	0	0.00004g max	Niobium (impurity only)	7440-03-1
	0	0.00002g max	Titanium (impurity only)	7440-32-6
	(0.246 * XX) + 0.3	10%	30% Glass-Filled PPS	
	(0.172 * XX) + 0.21	10%	PPS	26125-40-6
Containing:				
	(0.0738 * XX) + 0.09	10%	30% 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: 

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On behalf of:

