

Material Declaration for M80-MH313M5-XX

Product Information	
Part Number:	M80-MH313M5-XX
Part Description:	Datamate Male Coax Connector
Part Weight (g):	(0.373 * XX) + 1.178

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Coax Contact Shell - Beryllium Copper	0.216 * XX	2%	Copper	7440-50-8
	0.0042 * XX	0.40%	Beryllium	7440-41-7
	0	(0.000663 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000663 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000442 * XX)g max	Iron (impurity only)	7439-89-6
Coax Contact Shell - Plating	0	(0.000442 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000442 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.00111 * XX)g max	Other Impurities	
	0.000812 * XX	5%	Gold	7440-57-5
	0.00201 * XX	10%	Nickel	7440-02-0
Coax Insulators	0.0209 * XX	5%	PTFE	9002-84-0
Coax Central Contact - Phosphor Bronze	0.0114 * XX	4%	Copper	7440-50-8
	0.000513 * XX	1%	Tin	7440-31-5
	0.000032 * XX	0.80%	Phosphorus	7723-14-0
	0.000385 * XX	3%	Zinc	7440-66-6
	0.000051 * XX	1%	Lead	7439-92-1
	0	(0.000026 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000013 * XX)g max	Iron (impurity only)	7439-89-6
	0.000418 * XX	10%	Gold	7440-57-5
	0.000317 * XX	10%	Nickel	7440-02-0
Coax Rear Cover - Brass	0.015 * XX	2%	Copper	7440-50-8
	0.0101 * XX	1%	Zinc	7440-66-6
	0.000777 * XX	0.50%	Lead	7439-92-1
	0	(0.000078 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000078 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000078 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000013 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000052 * XX)g max	Other Impurities	
	0.00008 * XX	5%	Gold	7440-57-5
	0.000198 * XX	10%	Nickel	7440-02-0
Coax Rear Cover - Plating	0.000166 * XX	10%	Copper	7440-50-8
Coax Corner Contacts - Phosphor Bronze	0.0133 * XX	4%	Copper	7440-50-8
	0.000598 * XX	1%	Tin	7440-31-5
	0.000038 * XX	0.80%	Phosphorus	7723-14-0
	0.000448 * XX	3%	Zinc	7440-66-6
	0.00006 * XX	1%	Lead	7439-92-1
	0	(0.00003 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000014 * XX)g max	Iron (impurity only)	7439-89-6
	0.000084 * XX	10%	Gold	7440-57-5
	0.000208 * XX	10%	Nickel	7440-02-0
	0.000174 * XX	10%	Copper	7440-50-8
Jackscrews - Stainless Steel	0.641	10%	Iron	7439-89-6
	0.159	4%	Chromium (Metallic)	7440-47-3
	0.0022	0.50%	Sulphur	7704-34-9
	0.0793	4%	Nickel	7440-02-0
	0	0.00106g max	Carbon (impurity only)	7440-44-0
	0	0.00881g max	Silicon (impurity only)	7440-21-3
	0	0.0176g max	Manganese (impurity only)	7439-96-5
	0	0.000528g max	Phosphorus (impurity only)	7723-14-0
	0	0.00881g max	Molybdenum (impurity only)	7439-98-7
	0	0.00176g max	Niobium (impurity only)	7440-03-1
	0	0.00088g max	Titanium (impurity only)	7440-32-6
	0	0.00617g max	Copper (impurity only)	7440-50-8
	Moulding (total weight)	(0.0734 * XX) + 0.297	5%	30% Glass-Filled PPS
Containing:	(0.0514 * XX) + 0.208	5%	PPS	2612540-6
	(0.022 * XX) + 0.0891	5%	Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

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On behalf of: **HARWIN**