

Material Declaration for M80-MH314M5-XX

Product Information	
Part Number:	M80-MH314M5-XX
Part Description:	Datamate Male Coax Connector
Part Weight (g):	(0.379 * XX) + 1.179

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	0.4%	Beryllium	7440-41-7	
	0.000884 * XX	1%	Lead	7439-92-1	
	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	
	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	
Coax Contact Shell - Plating	0.00201 * XX	10%	Nickel	7440-02-0	
Coax Insulators	0.0209 * XX	5%	PTFE	9002-84-0	
Coax Central Contact - Phosphor Bronze	0.0141 * XX	4%	Copper	7440-50-8	
	0.000638 * XX	1%	Tin	7440-31-5	
	0.00004 * XX	0.8%	Phosphorus	7723-14-0	
	0.000478 * XX	3%	Zinc	7440-66-6	
	0.000064 * XX	1%	Lead	7439-92-1	
	0	(0.000032 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000016 * XX)g max	Iron (impurity only)	7439-89-6	
	0.000472 * XX	10%	Gold	7440-57-5	
	0.000358 * 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	0.5%	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	
0.000166 * XX	10%	Copper	7440-50-8		
Coax Corner Contacts - Phosphor Bronze	0.0165 * XX	4%	Copper	7440-50-8	
	0.000744 * XX	1%	Tin	7440-31-5	
	0.000046 * XX	0.8%	Phosphorus	7723-14-0	
	0.000558 * XX	3%	Zinc	7440-66-6	
	0.000074 * XX	1%	Lead	7439-92-1	
	0	(0.000038 * XX)g max	Nickel (impurity only)	7440-02-0	
	0	(0.000018 * XX)g max	Iron (impurity only)	7439-89-6	
	0.000106 * XX	10%	Gold	7440-57-5	
	0.000262 * XX	10%	Nickel	7440-02-0	
	0.000218 * 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	0.5%	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		

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**