

Material Declaration for M80-5L11042M5-02-313-02-313

Product Information	
Part Number:	M80-5L11042M5-02-313-02-313
Part Description:	2mm Horiz + Coax Datamate
Part Weight (g):	3.552
Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Signal Contacts - Phosphor Bronze	0.207	5%	Copper	7440-50-8
	0.0109	2%	Tin	7440-31-5
	0.000415	1%	Phosphorus	7723-14-0
	0	0.000655g max	Zinc (impurity only)	7440-66-6
	0	0.000215g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	0.00011g max	Lead (impurity only)	7439-92-1
	0	0.0011g max	Other Impurities	
	0.00066	5%	Gold	7440-57-5
	0.00192	5%	Tin	7440-31-5
	0.00225	10%	Nickel	7440-02-0
Coax Contact Shells - Beryllium Copper	0.864	2%	Copper	7440-50-8
	0.0168	0.4%	Beryllium	7440-41-7
	0	0.00265g max	Nickel (impurity only)	7440-02-0
	0	0.00265g max	Cobalt (impurity only)	7440-48-4
	0	0.00177g max	Iron (impurity only)	7439-89-6
Coax Contact Shells - Plating	0	0.00177g max	Aluminium (impurity only)	7429-90-5
	0	0.00177g max	Silicon (impurity only)	7440-21-3
	0	0.00443g max	Other Impurities	
	0.00325	5%	Gold	7440-57-5
	0.00803	10%	Nickel	7440-02-0
Coax Insulators	0.0835	5%	PTFE	9002-84-0
Coax Central Contacts - Phosphor Bronze	0.0456	4%	Copper	7440-50-8
	0.00205	1%	Tin	7440-31-5
	0.00155	3%	Zinc	7440-66-6
	0.000204	1%	Lead	7439-92-1
	0.000128	0.8%	Phosphorus	7723-14-0
Coax Central Contacts - Plating	0	0.000104g max	Nickel (impurity only)	7440-02-0
	0	0.000052g max	Iron (impurity only)	7439-89-6
	0.00167	10%	Gold	7440-57-5
	0.00127	10%	Nickel	7440-02-0
Coax Rear Covers - Brass	0.0601	2%	Copper	7440-50-8
	0.0404	1%	Zinc	7440-66-6
	0.00311	0.5%	Lead	7439-92-1
	0	0.000312g max	Iron (impurity only)	7439-89-6
	0	0.000312g max	Tin (impurity only)	7440-31-5
Coax Rear Covers - Plating	0	0.000312g max	Nickel (impurity only)	7440-02-0
	0	0.000052g max	Aluminium (impurity only)	7429-90-5
	0	0.000208g max	Other Impurities	
	0.00032	5%	Gold	7440-57-5
	0.000792	10%	Nickel	7440-02-0
Coax Corner Contacts - Phosphor Bronze	0.0531	4%	Copper	7440-50-8
	0.00239	1%	Tin	7440-31-5
	0.00177	3%	Zinc	7440-66-6
	0.00024	1%	Lead	7439-92-1
	0.000152	0.8%	Phosphorus	7723-14-0
Coax Corner Contacts - Plating	0	0.000012g max	Nickel (impurity only)	7440-02-0
	0	0.000056g max	Iron (impurity only)	7439-89-6
	0.000336	10%	Gold	7440-57-5
	0.000832	10%	Nickel	7440-02-0
	0.000686	10%	Copper	7440-50-8
Jackscrews - Stainless Steel	0.641	10%	Iron	7439-89-6
	0.159	4%	Chromium (Metallic)	7440-47-3
	0.0793	4%	Nickel	7440-02-0
	0.0022	0.5%	Sulphur	7704-34-9
	0	0.00106g max	Carbon (impurity only)	7440-44-0
Jackscrew Bolts - Stainless Steel	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	0.000882g max	Titanium (impurity only)	7440-32-6
	0	0.00617g max	Copper (impurity only)	7440-50-8
Moulding (total weight)	0.364	10%	Iron	7439-89-6
	0.0901	4%	Chromium (Metallic)	7440-47-3
	0.0451	4%	Nickel	7440-02-0
	0.00125	0.5%	Sulphur	7704-34-9
	0	0.0006g max	Carbon (impurity only)	7440-44-0
Containing:	0	0.00501g max	Silicon (impurity only)	7440-21-3
	0	0.01g max	Manganese (impurity only)	7439-96-5
	0	0.0003g max	Phosphorus (impurity only)	7723-14-0
	0	0.00501g max	Molybdenum (impurity only)	7439-98-7
	0	0.001g max	Niobium (impurity only)	7440-03-1
Does not contain:	0	0.0005g max	Titanium (impurity only)	7440-32-6
	0	0.0035g max	Copper (impurity only)	7440-50-8
			Antimony	
			Other Brominated Flame Retardants	

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On behalf of:

