

Material Composition for M300-MV31045M1

Product Information	
Part Number:	M300-MV31045M1
Part Description:	3mm M300 Male PC Tail
Part Weight (g):	2.037

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 #
Contact Shell - Brass	0.399	1%	Copper	7440-50-8
	0.268	2%	Zinc	7440-66-6
	0.0206	1%	Lead	7439-92-1
	0	0.00206g max	Iron (impurity only)	7439-89-6
	0	0.00206g max	Tin (impurity only)	7440-31-5
	0	0.00206g max	Nickel (impurity only)	7440-02-0
	0	0.00034g max	Aluminium (impurity only)	7429-90-5
Contact Shell - Plating	0	0.00137g max	Other Impurities	
	0.0059	5%	Gold	7440-57-5
	0.00557	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel				
	0.233	5%	Iron	7439-89-6
	0.059	2%	Chromium (Metallic)	7440-47-3
	0.0295	2%	Nickel	7440-02-0
	0.00524	0.8%	Copper	7440-50-8
	0.00082	0.5%	Sulphur	7704-34-9
	0	0.000262g max	Carbon (impurity only)	7440-44-0
	0	0.00328g max	Silicon (impurity only)	7440-21-3
	0	0.00655g max	Manganese (impurity only)	7439-96-5
	0	0.000148g max	Phosphorus (impurity only)	7723-14-0
Moulding (total weight)	0	0.00197g max	Molybdenum (impurity only)	7439-98-7
	0	0.00036g max	Nitrogen (impurity only)	7727-37-9
Containing:	1.01	5%	30% GF Nylon 4T	
	0.566	5%	Nylon 4T	103945-40-0
	0.303	5%	30% Glass Fibre	65997-17-3
	0.126	5%	Organic phosphorus compound	-
	0.0152	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by:

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On behalf of:

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