

Material Composition for M300-FV30645F2

Product Information	
Part Number:	M300-FV30645F2
Part Description:	3mm M300 Female PC Tail
Part Weight (g):	2.041
Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel/Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #	
Contact Shell - Brass	0.389	1%	Copper	7440-50-8	
	0.261	2%	Zinc	7440-66-6	
	0.0201	1%	Lead	7439-92-1	
	0	0.00201g max	Iron (impurity only)	7439-89-6	
	0	0.00201g max	Tin (impurity only)	7440-31-5	
	0	0.00201g max	Nickel (impurity only)	7440-02-0	
	0	0.000336g max	Aluminium (impurity only)	7429-90-5	
	0	0.00134g max	Other Impurities		
	Contact Shell - Plating	0.00247	5%	Gold	7440-57-5
		0.00569	10%	Nickel	7440-02-0
0.00475		10%	Copper	7440-50-8	
Contact Clip - Beryllium Copper	0.0681	2%	Copper	7440-50-8	
	0.000276	1%	Beryllium	7440-41-7	
	0.00125	2%	Nickel	7440-02-0	
	0	0.00021g max	Cobalt (impurity only)	7440-48-4	
	0	0.000072g max	Iron (impurity only)	7439-89-6	
	0	0.000348g max	Other Impurities		
	Contact Clip - Plating	0.00109	10%	Nickel	7440-02-0
		0.00006	5%	Gold	7440-57-5
	Circlips - Stainless Steel	0.0164	10%	Iron	7439-89-6
		0.0033	4%	Chromium (Metallic)	7440-47-3
0.000004		0.5%	Sulphur	7704-34-9	
0.0002		4%	Nickel	7440-02-0	
0.000078		0.8%	Copper	7440-50-8	
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	
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		
Jackscrews - Stainless Steel	0.405	10%	Iron	7439-89-6	
	0.1	4%	Chromium (Metallic)	7440-47-3	
	0.0139	0.5%	Sulphur	7704-34-9	
	0.0501	4%	Nickel	7440-02-0	
	0.0039	0.80%	Copper	7440-50-8	
	0	0.000668g max	Carbon (impurity only)	7440-44-0	
	0	0.00557g max	Silicon (impurity only)	7440-21-3	
	0	0.0111g max	Manganese (impurity only)	7439-96-5	
	0	0.000334g max	Phosphorus (impurity only)	7723-14-0	
	0	0.00557g max	Molybdenum (impurity only)	7439-98-7	
0	0.00111g max	Niobium (impurity only)	7440-03-1		
0	0.000556g max	Titanium (impurity only)	7440-32-6		
Moulding (total weight)	0.694	5%	30% GF Nylon 4T		
Containing:	0.389	5%	Nylon 4T	103945-40-0	
	0.208	5%	30% Glass Fibre	65997-17-3	
	0.0868	5%	Organic phosphorus compound	-	
Does not contain:	0.0104	5%	Other Additives	-	
			Antimony	-	
			Other Brominated Flame Retardants		
			Red Phosphorus		

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**