

## Material Composition for M300-FV1034500

Product Information	
Part Number:	M300-FV1034500
Part Description:	3mm M300 Female PC Tail
Part Weight (g):	0.853

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	0.194	1%	Copper	7440-50-8
	0.131	2%	Zinc	7440-66-6
	0.01	1%	Lead	7439-92-1
	0	0.00101g max	Iron (impurity only)	7439-89-6
	0	0.00101g max	Tin (impurity only)	7440-31-5
	0	0.00101g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	0.000168g max	Aluminium (impurity only)	7429-90-5
	0	0.000669g max	Other Impurities	
	0.00123	5%	Gold	7440-57-5
	0.00284	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	0.00237	10%	Copper	7440-50-8
	0.034	2%	Copper	7440-50-8
	0.000138	1%	Beryllium	7440-41-7
	0.000627	2%	Nickel	7440-02-0
	0	0.000105g max	Cobalt (impurity only)	7440-48-4
	0	0.000036g max	Iron (impurity only)	7439-89-6
	0	0.000174g max	Other Impurities	
	0.000543	10%	Nickel	7440-02-0
	0.00003	5%	Gold	7440-57-5
Moulding (total weight)	0.476	5%	30% GF Nylon 4T	
Containing:	0.267	5%	Nylon 4T	103945-40-0
	0.143	5%	30% Glass Fibre	65997-17-3
	0.0595	5%	Organic phosphorus compound	-
	0.00714	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**