

Material Composition for M300-FV3064500

Product Information	
Part Number:	M300-FV3064500
Part Description:	3mm M300 Female PC Tail
Part Weight (g):	1.448

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
Contact Shell - Plating	0	0.000336g max	Aluminium (impurity only)	7429-90-5
	0	0.00134g max	Other Impurities	
	0.00247	5%	Gold	7440-57-5
	0.00569	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	0.00475	10%	Copper	7440-50-8
	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	
	0.00109	10%	Nickel	7440-02-0
Contact Clip - Plating	0.00006	5%	Gold	7440-57-5
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	-
	0.0104	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by: *M. J. Perry*

Martin J Perry, BSc(Eng) MSc CEng MIET
 Compliance Specialist
 ComplianceTeam@harwin.co.uk

On behalf of:

