

Material Declaration for G125-FV10805F3-2AB2ABP

Product Information	
Part Number:	G125-FV10805F3-2AB2ABP
Part Description:	Gecko MT Female Vert. Conn.
Part Weight (g):	1.5

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	Gold
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Power Contacts - Beryllium Copper	0.422	1%	Copper	7440-50-8
	0.00818	0.5%	Beryllium	7440-41-7
	0.00172	0.5%	Lead	7439-92-1
	0	0.00564g max	Nickel (impurity only)	7440-02-0
	0	0.00129g max	Cobalt (impurity only)	7440-48-4
	0	0.00086g max	Iron (impurity only)	7439-89-6
	0	0.00086g max	Aluminium (impurity only)	7429-90-5
Power Contacts - Plating	0	0.00086g max	Silicon (impurity only)	7440-21-3
	0	0.00216g max	Other Impurities	
	0.00414	5%	Gold	7440-57-5
	0.00436	10%	Nickel	7440-02-0
Signal Contacts - Beryllium Copper	0.105	1%	Copper	7440-50-8
	0.00204	0.5%	Beryllium	7440-41-7
	0.000432	0.5%	Lead	7439-92-1
	0	0.000269g max	Nickel (impurity only)	7440-02-0
	0	0.00032g max	Cobalt (impurity only)	7440-48-4
	0	0.000216g max	Iron (impurity only)	7439-89-6
	0	0.000216g max	Aluminium (impurity only)	7429-90-5
	0	0.000216g max	Silicon (impurity only)	7440-21-3
	0	0.000268g max	Other Impurities	
	0.00064	5%	Gold	7440-57-5
	0.00237	10%	Nickel	7440-02-0
Screwlock Nuts - Stainless Steel				
	0.407	10%	Iron	7439-89-6
	0.101	4%	Chromium (Metallic)	7440-47-3
	0.0503	4%	Nickel	7440-02-0
	0.00391	0.8%	Copper	7440-50-8
	0.0014	0.5%	Sulphur	7704-34-9
	0	0.00067g max	Carbon (impurity only)	7440-44-0
	0	0.00559g max	Silicon (impurity only)	7440-21-3
	0	0.00112g max	Manganese (impurity only)	7439-96-5
	0	0.000336g max	Phosphorus (impurity only)	7723-14-0
	0	0.00559g max	Molybdenum (impurity only)	7439-98-7
	0	0.000614g max	Nitrogen (impurity only)	7727-37-9
	0	0.00112g max	Niobium (impurity only)	7440-03-1
0	0.00056g max	Titanium (impurity only)	7440-32-6	
Moulding (total weight)	0.386	5%	30% GF Nylon 4T	
	Containing:			
	0.216	5%	Nylon 4T	103945-40-0
	0.116	5%	30% Glass Fibre	65997-17-3
	0.0483	5%	Organic phosphorus compound	-
Does not contain:	0.00579	5%	Other Additives	-
			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**