

Material Declaration for G125-MH10805M3-2AD2ADP

Product Information	
Part Number:	G125-MH10805M3-2AD2ADP
Part Description:	Gecko MT Male Horiz. Conn.
Part Weight (g):	2.008

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	0.898	1%	Copper	7440-50-8
	0.0174	0.5%	Beryllium	7440-41-7
	0.00306	0.5%	Lead	7439-92-1
	0	0.00276g max	Nickel (impurity only)	7440-02-0
	0	0.00276g max	Cobalt (impurity only)	7440-48-4
	0	0.00183g max	Iron (impurity only)	7439-89-6
	0	0.00183g max	Aluminium (impurity only)	7429-90-5
	0	0.00183g max	Silicon (impurity only)	7440-21-3
	0	0.00458g max	Other Impurities	
	0.00458	5%	Gold	7440-57-5
Power Contacts - Plating	0.00482	10%	Nickel	7440-02-0
Signal Contacts - Phosphor Bronze	0.0809	2%	Copper	7440-50-8
	0.00424	0.5%	Tin	7440-31-5
	0.000164	0.2%	Phosphorus	7723-14-0
	0	0.000256g max	Zinc (impurity only)	7440-66-6
	0	0.000084g max	Iron (impurity only)	7439-89-6
	0	0.000044g max	Lead (impurity only)	7439-92-1
	0	0.000424g max	Other Impurities	
	0.000484	10%	Gold	7440-57-5
	0.00179	10%	Nickel	7440-02-0
Retainers - Stainless Steel	0.121	10%	Iron	7439-89-6
	0.03	4%	Chromium (Metallic)	7440-47-3
	0.015	4%	Nickel	7440-02-0
	0.0017	0.8%	Copper	7440-50-8
	0.000416	0.5%	Sulphur	7704-34-9
	0	0.0002g max	Carbon (impurity only)	7440-44-0
	0	0.00157g max	Silicon (impurity only)	7440-21-3
	0	0.00333g max	Manganese (impurity only)	7439-96-5
	0	0.0001g max	Phosphorus (impurity only)	7723-14-0
	0	0.00167g max	Molybdenum (impurity only)	7439-98-7
0	0.000184g max	Nitrogen (impurity only)	7727-37-9	
0	0.000334g max	Niobium (impurity only)	7440-03-1	
0	0.000166g max	Titanium (impurity only)	7440-32-6	
Jackscrews - Stainless Steel	0.24	10%	Iron	7439-89-6
	0.0594	4%	Chromium (Metallic)	7440-47-3
	0.0297	4%	Nickel	7440-02-0
	0.00231	0.8%	Copper	7440-50-8
	0.000826	0.5%	Sulphur	7704-34-9
	0	0.000396g max	Carbon (impurity only)	7440-44-0
	0	0.0033g max	Silicon (impurity only)	7440-21-3
	0	0.0066g max	Manganese (impurity only)	7439-96-5
	0	0.000198g max	Phosphorus (impurity only)	7723-14-0
	0	0.0033g max	Molybdenum (impurity only)	7439-98-7
0	0.000364g max	Nitrogen (impurity only)	7727-37-9	
0	0.00066g max	Niobium (impurity only)	7440-03-1	
0	0.00033g max	Titanium (impurity only)	7440-32-6	
Moulding (total weight)	0.492	5%	30% GF Nylon 4T	
	0.275	5%	Nylon 4T	103945-40-0
Containing:	0.147	5%	30% Glass Fibre	65997-17-3
	0.0614	5%	Organic phosphorus compound	-
Does not contain:	0.00737	5%	Other Additives	-
			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**