

Material Declaration for G125-MH1XXM3-YYAB000P

Product Information	
Part Number:	G125-MH1XXM3-YYAB000P
Part Description:	Gecko Male Connectors
Part Weight (g):	Moulding + 0.5 + (0.0109 * XX) + (0.232 * YY)

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Moulding Part Number (G125-22196-YY-XX-00)	Total Part Weight (g)	Containing (30% GF Nylon 4T):				Plastic Moulding
		Nylon 4T	30% Glass Fibre	Organic phosphorous compound	Other Additives	Substance Name
		103945-40-0	65997-17-3	-	-	CAS #
		5%	5%	5%	5%	Tolerance
		Weight (g)	Weight (g)	Weight (g)	Weight (g)	
G125-32796-02-04-00	0.376	0.211	0.113	0.047	0.00564	
G125-32796-03-08-00	0.489	0.274	0.147	0.0611	0.00734	
G125-32796-04-04-00	0.498	0.279	0.149	0.0623	0.00747	
G125-32796-02-24-00	0.637	0.357	0.191	0.0796	0.00956	
G125-32796-04-16-00	0.655	0.367	0.197	0.0819	0.00983	
G125-32796-06-08-00	0.673	0.377	0.202	0.0841	0.0101	
The mouldings do not contain: Antimony Other Brominated Flame Retardants Red Phosphorus						

FASTENERS:

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
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
	Retainers - Stainless Steel	0.121	10%	Iron
0.03		4%	Chromium (Metallic)	7440-47-3
0.015		4%	Nickel	7440-02-0
0.00117		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		0.00167g 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

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Signal Contacts - Phosphor Bronze	0.0101 * XX	5%	Copper	7440-50-8
	0.000531 * XX	1%	Tin	7440-31-5
	0.000021 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000032 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000011 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000053 * XX)g max	Other Impurities	
Contact - Plating	0.000224 * XX	10%	Nickel	7440-02-0
	0.000061 * XX	30%	Gold	7440-57-5
Power Contacts - Beryllium Copper	0.224 * YY	1%	Copper	7440-50-8
	0.00435 * YY	1%	Beryllium	7440-41-7
	0.000917 * YY	1%	Lead	7439-92-1
	0	(0.000688 * YY)g max	Nickel (impurity only)	7440-02-0
	0	(0.000458 * YY)g max	Iron (impurity only)	7439-89-6
	0	(0.000458 * YY)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000688 * YY)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000458 * YY)g max	Silicon (impurity only)	7440-21-3
	0	(0.00115 * YY)g max	Other Impurities	-
Contacts - Plating	0.00115 * YY	5%	Gold	7440-57-5
	0.0012 * YY	10%	Nickel	7440-02-0

Prepared by:



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On behalf of:

