

Material Declaration for G125-FV1XXF1-YYAB000P

Product Information	
Part Number:	G125-FV1XXF1-YYAB000P
Part Description:	Gecko Female Connectors
Part Weight (g):	Moulding + 0.5 + (0.0138 * XX) + (0.109 * 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)	
G125-22196-02-04-00	0.299	0.167	0.09	0.0374	0.00449	
G125-22196-03-08-00	0.417	0.234	0.125	0.0521	0.00626	
G125-22196-04-04-00	0.448	0.251	0.134	0.056	0.00672	
G125-22196-02-24-00	0.519	0.291	0.156	0.0649	0.00779	
G125-22196-04-16-00	0.58	0.325	0.174	0.0725	0.0087	
G125-22196-06-08-00	0.641	0.359	0.192	0.0801	0.00962	
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 - Beryllium Copper	0.0131 * XX	1%	Copper	7440-50-8
	0.000255 * XX	1%	Beryllium	7440-41-7
	0.000054 * XX	1%	Lead	7439-92-1
	0	(0.00004 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000027 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000027 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.00004 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000027 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000067 * XX)g max	Other Impurities	-
Contacts - Plating	0.00008 * XX	5%	Gold	7440-57-5
	0.000296 * XX	10%	Nickel	7440-02-0
Power Contacts - Beryllium Copper	0.105 * YY	1%	Copper	7440-50-8
	0.00205 * YY	1%	Beryllium	7440-41-7
	0.000431 * YY	1%	Lead	7439-92-1
	0	(0.000323 * YY)g max	Nickel (impurity only)	7440-02-0
	0	(0.000215 * YY)g max	Iron (impurity only)	7439-89-6
	0	(0.000215 * YY)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000323 * YY)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000215 * YY)g max	Silicon (impurity only)	7440-21-3
	0	(0.000539 * YY)g max	Other Impurities	-
Contacts - Plating	0.000104 * YY	5%	Gold	7440-57-5
	0.00109 * YY	10%	Nickel	7440-02-0

Prepared by:

M. J. Perry

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

On behalf of:

HARWIN