

## Material Declaration for G125-FV1XX05F1(P)(R)

Product Information	
Part Number:	G125-FV1XX05F1(P)(R)
Part Description:	Gecko 1.25mm Female
Part Weight (g):	(0.0247 * XX) + 0.62

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Beryllium Copper	0.0131 * XX	1%	Copper	7440-50-8
	0.000255 * XX	0.5%	Beryllium	7440-41-7
	0	(0.00004 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000054 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00004 * XX)g max	Cobalt (impurity only)	7440-48-4
	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	(0.000027 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000067 * XX)g max	Other Impurities	
	Contacts - Plating	0.00008 * XX	5%	Gold
0.000296 * XX		10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.254	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
Jackscrew 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
	0.00117	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
Moulding (total weight)	(0.011 * XX) + 0.106	5%	30% GF Nylon 4T	
Containing:	(0.00616 * XX) + 0.0594	5%	Nylon 4T	103945-40-0
	(0.0033 * XX) + 0.0318	5%	30% Glass Fibre	65997-17-3
	(0.00138 * XX) + 0.0133	5%	Organic phosphorus compound	-
	(0.000165 * XX) + 0.00159	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**