

## Material Declaration for G125-FS1XX05F1(P)(R)

Product Information	
Part Number:	G125-FS1XX05F1(P)(R)
Part Description:	Gecko 1.25mm Female
Part Weight (g):	(0.0234 * XX) + 0.62

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
MSL	1
Lead Finish	Gold over Nickel
RoHS Compliant Mark	n/a
Availability Date	Now
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #		
Contacts - Beryllium Copper	0.0118 * XX	1%	Copper	7440-50-8		
	0.00023 * XX	0.5%	Beryllium	7440-41-7		
	0	(0.000036 * XX)g max	Nickel (impurity only)	7440-02-0		
	0	(0.000048 * XX)g max	Lead (impurity only)	7439-92-1		
	0	(0.000036 * XX)g max	Cobalt (impurity only)	7440-48-4		
	0	(0.000024 * XX)g max	Iron (impurity only)	7439-89-6		
	0	(0.000024 * XX)g max	Aluminium (impurity only)	7429-90-5		
	0	(0.000024 * XX)g max	Silicon (impurity only)	7440-21-3		
	0	(0.000061 * XX)g max	Other Impurities			
	Contacts - Plating	0.000073 * XX	5%	Gold	7440-57-5	
0.000269 * 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**