

## Material Declaration for G125-FVXXX05L0(P)(R)

Product Information	
Part Number:	G125-FV1XX05L0(P)(R)
Part Description:	Gecko 1.25mm Female
Part Weight (g):	(0.0265 * XX) + 0.0347

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
	0.000054 * XX	0.5%	Lead	7439-92-1
	0	(0.00004 * XX)g max	Nickel (impurity only)	7440-02-0
	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
Contacts - Plating	0	(0.000027 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000067 * XX)g max	Other Impurities	
	0.00008 * XX	5%	Gold	7440-57-5
	0.000296 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0127 * XX) + 0.0347	5%	30% GF Nylon 4T	
Containing:	(0.00711 * XX) + 0.0194	5%	Nylon 4T	103945-40-0
	(0.00381 * XX) + 0.0104	5%	30% Glass Fibre	65997-17-3
Does not contain:	(0.00159 * XX) + 0.00434	5%	Organic phosphorus compound	-
	(0.000191 * XX) + 0.000521	5%	Other Additives	-
			Antimony	
		Other Brominated Flame Retardants		
			Red Phosphorus	

Product Information	
Part Number:	G125-FV2XX05L0(P)(R)
Part Description:	Gecko 1.25mm Female
Part Weight (g):	(0.0282 * XX) + 0.0347

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	0.0147 * XX	1%	Copper	7440-50-8
	0.000285 * XX	0.5%	Beryllium	7440-41-7
	0.000054 * XX	0.5%	Lead	7439-92-1
	0	(0.00004 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000045 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.00003 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.00003 * XX)g max	Aluminium (impurity only)	7429-90-5
Contacts - Plating	0	(0.00003 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000075 * XX)g max	Other Impurities	
	0.000089 * XX	5%	Gold	7440-57-5
	0.00033 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0127 * XX) + 0.0347	5%	30% GF Nylon 4T	
Containing:	(0.00711 * XX) + 0.0194	5%	Nylon 4T	103945-40-0
	(0.00381 * XX) + 0.0104	5%	30% Glass Fibre	65997-17-3
Does not contain:	(0.00159 * XX) + 0.00434	5%	Organic phosphorus compound	-
	(0.000191 * XX) + 0.000521	5%	Other Additives	-
			Antimony	
		Other Brominated Flame Retardants		
			Red Phosphorus	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**