

## Material Declaration for G125-MH1XX05MX(P)(R)

Product Information	
Part Number:	G125-MH1XX05M3(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0243 * XX) + 0.714

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 - Phosphor Bronze	0.01 * XX	2%	Copper	7440-50-8
	0.000531 * XX	0.5%	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
Contacts - Plating	0	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000053 * XX)g max	Other Impurities	
	0.000061 * XX	5%	Gold	7440-57-5
	0.000224 * XX	10%	Nickel	7440-02-0
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
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)	(0.0135 * XX) + 0.214	5%	30% GF Nylon 4T	
Containing:	(0.00756 * XX) + 0.12	5%	Nylon 4T	103945-40-0
	(0.00405 * XX) + 0.0642	5%	30% Glass Fibre	65997-17-3
	(0.00169 * XX) + 0.0268	5%	Organic phosphorus compound	-
	(0.0015 * XX) + 0.00321	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

## Material Declaration for G125-MH1XX05MX(P)(R)

Product Information	
Part Number:	G125-MH1XX05M4(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0243 * XX) + 1.107

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 - Phosphor Bronze	0.01 * XX	2%	Copper	7440-50-8
	0.000531 * XX	0.5%	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
Contacts - Plating	0	(0.000006 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000053 * XX)g max	Other Impurities	
	0.000061 * XX	5%	Gold	7440-57-5
	0.000224 * XX	10%	Nickel	7440-02-0
Screw-Lok Nuts - Stainless Steel	0.645	10%	Iron	7439-89-6
	0.16	4%	Chromium (Metallic)	7440-47-3
	0.0798	4%	Nickel	7440-02-0
	0.0062	0.8%	Copper	7440-50-8
	0.00222	0.5%	Sulphur	7704-34-9
	0	0.00106g max	Carbon (impurity only)	7440-44-0
	0	0.00887g max	Silicon (impurity only)	7440-21-3
	0	0.0177g max	Manganese (impurity only)	7439-96-5
	0	0.000532g max	Phosphorus (impurity only)	7723-14-0
	0	0.00887g max	Molybdenum (impurity only)	7439-98-7
	0	0.000976g max	Nitrogen (impurity only)	7727-37-9
	0	0.00177g max	Niobium (impurity only)	7440-03-1
	0	0.000886g max	Titanium (impurity only)	7440-32-6
Moulding (total weight)	(0.0135 * XX) + 0.214	5%	30% GF Nylon 4T	
Containing:	(0.00756 * XX) + 0.12	5%	Nylon 4T	103945-40-0
	(0.00405 * XX) + 0.0642	5%	30% Glass Fibre	65997-17-3
	(0.00169 * XX) + 0.0268	5%	Organic phosphorus compound	-
	(0.0015 * XX) + 0.00321	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**