

## Material Declaration for G125-MS1XX05M2(P)(R)

Product Information	
Part Number:	G125-MS1XX05M2(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0164 * XX) + 0.729

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	0.00579 * XX	1%	Copper	7440-50-8
	0.000305 * XX	1%	Tin	7440-31-5
	0.000012 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000003 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000006 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000018 * XX)g max	Zinc (impurity only)	7440-66-6
Contacts - Plating	0	(0.000031 * XX)g max	Other Impurities	
	0.000035 * XX	5%	Gold	7440-57-5
	0.000131 * XX	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.382	10%	Iron	7439-89-6
	0.0945	4%	Chromium (Metallic)	7440-47-3
	0.0472	4%	Nickel	7440-02-0
	0.00367	0.8%	Copper	7440-50-8
	0.00131	0.5%	Sulphur	7704-34-9
	0	0.00063g max	Carbon (impurity only)	7440-44-0
	0	0.00525g max	Silicon (impurity only)	7440-21-3
	0	0.0105g max	Manganese (impurity only)	7439-96-5
	0	0.000314g max	Phosphorus (impurity only)	7723-14-0
	0	0.00525g max	Molybdenum (impurity only)	7439-98-7
	0	0.000578g max	Nitrogen (impurity only)	7727-37-9
0	0.00105g max	Niobium (impurity only)	7440-03-1	
0	0.000524g max	Titanium (impurity only)	7440-32-6	
Moulding (total weight)	(0.0101 * XX) + 0.2	5%	30% GF Nylon 4T	
Containing:	(0.00566 * XX) + 0.112	5%	Nylon 4T	103945-40-0
	(0.00303 * XX) + 0.06	5%	30% Glass Fibre	65997-17-3
	(0.00126 * XX) + 0.025	5%	Organic phosphorus compound	-
	(0.000152 * XX) + 0.003	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**