

Material Declaration for G125-MVXXX05LX(P)(R)

Product Information	
Part Number:	G125-MV1XX05L0(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0191 * XX) + 0.0396

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	0.00696 * XX	2%	Copper	7440-50-8
	0.000367 * XX	0.5%	Tin	7440-31-5
	0.000014 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000022 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000007 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000037 * XX)g max	Other Impurities	
Contacts - Plating	0.000042 * XX	5%	Gold	7440-57-5
	0.000156 * XX	10%	Nickel	7440-02-0
Moulding (total weight) Containing:	(0.0116 * XX) + 0.0396	5%	30% GF Nylon 4T	
	(0.0065 * XX) + 0.0222	5%	Nylon 4T	103945-40-0
	(0.00348 * XX) + 0.0119	5%	30% Glass Fibre	65997-17-3
	(0.00145 * XX) + 0.00495	5%	Organic phosphorus compound	-
Does not contain:	(0.000174 * XX) + 0.000594	5%	Other Additives	-
			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Product Information	
Part Number:	G125-MV1XX05L1(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0191 * XX) + 0.117

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	0.00696 * XX	2%	Copper	7440-50-8
	0.000367 * XX	0.5%	Tin	7440-31-5
	0.000014 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000022 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000007 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000037 * XX)g max	Other Impurities	
Contacts - Plating	0.000042 * XX	5%	Gold	7440-57-5
	0.000156 * XX	10%	Nickel	7440-02-0
Latches - Copper Nickel	0.0615	3%	Copper	7440-50-8
	0.0065	1.5%	Nickel	7440-02-0
	0.00415	1.5%	Tin	7440-31-5
	0	0.000014g max	Lead (impurity only)	7439-92-1
	0	0.00036g max	Manganese (impurity only)	7439-96-5
	0	0.00036g max	Iron (impurity only)	7439-89-6
Latches - Plating	0.00328	10%	Tin	7440-31-5
	0.00188	10%	Nickel	7440-02-0
Moulding (total weight) Containing:	(0.0116 * XX) + 0.0396	5%	30% GF Nylon 4T	
	(0.0065 * XX) + 0.0222	5%	Nylon 4T	103945-40-0
	(0.00348 * XX) + 0.0119	5%	30% Glass Fibre	65997-17-3
	(0.00145 * XX) + 0.00495	5%	Organic phosphorus compound	-
Does not contain:	(0.000174 * XX) + 0.000594	5%	Other Additives	-
			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Material Declaration for G125-MVXXX05LX(P)(R)

Product Information	
Part Number:	G125-MV2XX05L0(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0208 * XX) + 0.0396

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	0.00854 * XX	2%	Copper	7440-50-8
	0.00045 * XX	0.5%	Tin	7440-31-5
	0.000017 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000027 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000009 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000005 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000045 * XX)g max	Other Impurities	
Contacts - Plating	0.000051 * XX	5%	Gold	7440-57-5
	0.000189 * XX	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0116 * XX) + 0.0396	5%	30% GF Nylon 4T	
Containing:	(0.0065 * XX) + 0.0222	5%	Nylon 4T	103945-40-0
	(0.00348 * XX) + 0.0119	5%	30% Glass Fibre	65997-17-3
	(0.00145 * XX) + 0.00495	5%	Organic phosphorus compound	-
	(0.000174 * XX) + 0.000594	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Product Information	
Part Number:	G125-MV2XX05L2(P)(R)
Part Description:	Gecko 1.25mm Male
Part Weight (g):	(0.0208 * XX) + 0.118

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	0.00854 * XX	2%	Copper	7440-50-8
	0.00045 * XX	0.5%	Tin	7440-31-5
	0.000017 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.000027 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000009 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000005 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000045 * XX)g max	Other Impurities	
Contacts - Plating	0.000051 * XX	5%	Gold	7440-57-5
	0.000189 * XX	10%	Nickel	7440-02-0
Latches - Copper Nickel	0.0627	3%	Copper	7440-50-8
	0.00662	1.5%	Nickel	7440-02-0
	0.00423	1.5%	Tin	7440-31-5
	0	0.000014g max	Lead (impurity only)	7439-92-1
	0	0.000368g max	Manganese (impurity only)	7439-96-5
	0	0.000368g max	Iron (impurity only)	7439-89-6
Latches - Plating	0.00337	10%	Tin	7440-31-5
	0.00193	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0116 * XX) + 0.0396	5%	30% GF Nylon 4T	
Containing:	(0.0065 * XX) + 0.0222	5%	Nylon 4T	103945-40-0
	(0.00348 * XX) + 0.0119	5%	30% Glass Fibre	65997-17-3
	(0.00145 * XX) + 0.00495	5%	Organic phosphorus compound	-
	(0.000174 * XX) + 0.000594	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Note: Tin plating is subject to 1,000ppm max Lead impurity.

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On behalf of: **HARWIN**