

Material Declaration for G125-MH10805M4-1AD1ADP

Product Information	
Part Number:	G125-MH10805M4-1AD1ADP
Part Description:	Gecko MT Male Horiz. Conn.
Part Weight (g):	1.839

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
Termination Finish	Gold
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Power Contacts - Beryllium Copper	0.449	1%	Copper	7440-50-8
	0.00871	0.5%	Beryllium	7440-41-7
	0.00183	0.5%	Lead	7439-92-1
	0	0.00138g max	Nickel (impurity only)	7440-02-0
	0	0.00138g max	Cobalt (impurity only)	7440-48-4
	0	0.000916g max	Iron (impurity only)	7439-89-6
	0	0.000916g max	Aluminium (impurity only)	7429-90-5
	0	0.000916g max	Silicon (impurity only)	7440-21-3
	0	0.00229g max	Other Impurities	
	0.00229	5%	Gold	7440-57-5
Power Contacts - Plating	0.00241	10%	Nickel	7440-02-0
Signal Contacts - Phosphor Bronze	0.0809	2%	Copper	7440-50-8
	0.00424	0.5%	Tin	7440-31-5
	0.000164	0.2%	Phosphorus	7723-14-0
	0	0.000256g max	Zinc (impurity only)	7440-66-6
	0	0.000084g max	Iron (impurity only)	7439-89-6
	0	0.000044g max	Lead (impurity only)	7439-92-1
	0	0.000424g max	Other Impurities	
	0.000484	10%	Gold	7440-57-5
	0.00179	10%	Nickel	7440-02-0
Screwlocks - Stainless Steel	0.645	10%	Iron	7439-89-6
	0.16	4%	Chromium (Metallic)	7440-47-3
	0.0798	4%	Nickel	7440-02-0
	0.00621	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)	0.394	5%	30% GF Nylon 4T	
Containing:	0.22	5%	Nylon 4T	103945-40-0
	0.118	5%	30% Glass Fibre	65997-17-3
	0.0492	5%	Organic phosphorus compound	-
	0.0059	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	

Prepared by: *M. J. Perry*

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Specialist
ComplianceTeam@harwin.co.uk

On behalf of: **HARWIN**