

Material Declaration for G125-MC208M3-2D2D-XXXXF1

Product Information	
Part Number:	G125-MC208M3-2D2D-XXXXF1
Part Description:	Gecko MT Male to Female Cable Assy
Part Weight (g):	(0.0584 * XXXX) + 3.412
Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Female Power Contacts - Beryllium Copper	0.324	1%	Copper	7440-50-8
	0.00628	0.5%	Beryllium	7440-41-7
	0.00132	0.5%	Lead	7439-92-1
	0	0.000992g max	Nickel (impurity only)	7440-02-0
	0	0.00066g max	Iron (impurity only)	7439-89-6
	0	0.00066g max	Aluminium (impurity only)	7429-90-5
	0	0.000992g max	Cobalt (impurity only)	7440-48-4
	0	0.00066g max	Silicon (impurity only)	7440-21-3
	0	0.00165g max	Other Impurities	
Female Power Contacts - Plating	0.00142	5%	Gold	7440-57-5
	0.00526	10%	Nickel	7440-02-0
Male Power Contacts - Beryllium Copper	0.42	1%	Copper	7440-50-8
	0.00816	0.5%	Beryllium	7440-41-7
	0.00172	0.5%	Lead	7439-92-1
	0	0.00129g max	Nickel (impurity only)	7440-02-0
	0	0.00086g max	Iron (impurity only)	7439-89-6
	0	0.00089g max	Aluminium (impurity only)	7429-90-5
	0	0.00129g max	Cobalt (impurity only)	7440-48-4
	0	0.00086g max	Silicon (impurity only)	7440-21-3
	0	0.00215g max	Other Impurities	
Male Power Contacts - Plating	0.00119	5%	Gold	7440-57-5
	0.0044	10%	Nickel	7440-02-0
Female Signal Contacts - Beryllium Copper	0.106	1%	Copper	7440-50-8
	0.00206	0.5%	Beryllium	7440-41-7
	0.000432	0.5%	Lead	7439-92-1
	0	0.000328g max	Nickel (impurity only)	7440-02-0
	0	0.000216g max	Iron (impurity only)	7439-89-6
	0	0.000216g max	Aluminium (impurity only)	7429-90-5
	0	0.000328g max	Cobalt (impurity only)	7440-48-4
	0	0.000216g max	Silicon (impurity only)	7440-21-3
	0	0.000544g max	Other Impurities	
Female Signal Contacts - Plating	0.000816	5%	Gold	7440-57-5
	0.00301	10%	Nickel	7440-02-0
Male Signal Contacts - Brass	0.0788	1%	Copper	7440-50-8
	0.0493	0.5%	Zinc	7440-66-6
	0.00262	0.5%	Lead	7439-92-1
	0	0.000384g max	Nickel (impurity only)	7440-02-0
	0	0.000256g max	Iron (impurity only)	7439-89-6
	0	0.000064g max	Aluminium (impurity only)	7429-90-5
	0	0.000256g max	Tin (impurity only)	7440-31-5
	0	0.000256g max	Other Impurities	
Male Signal Contacts - Plating	0.000696	5%	Gold	7440-57-5
	0.00257	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.48	10%	Iron	7439-89-6
	0.119	4%	Chromium (Metallic)	7440-47-3
	0.0594	4%	Nickel	7440-02-0
	0.00462	0.8%	Copper	7440-50-8
	0.00165	0.5%	Sulphur	7704-34-9
	0	0.000792g max	Carbon (impurity only)	7440-44-0
	0	0.0066g max	Silicon (impurity only)	7440-21-3
	0	0.0132g max	Manganese (impurity only)	7439-96-5
	0	0.000396g max	Phosphorus (impurity only)	7723-14-0
	0	0.0066g max	Molybdenum (impurity only)	7439-98-7
	0	0.000728g max	Nitrogen (impurity only)	7727-37-9
	0	0.00132g max	Niobium (impurity only)	7440-03-1
	0	0.00066g max	Titanium (impurity only)	7440-32-6
Jackscrew Retainers - Stainless Steel	0.242	10%	Iron	7439-89-6
	0.06	4%	Chromium (Metallic)	7440-47-3
	0.03	4%	Nickel	7440-02-0
	0.0034	0.8%	Copper	7440-50-8
	0.000832	0.5%	Sulphur	7704-34-9
	0	0.0004g max	Carbon (impurity only)	7440-44-0
	0	0.00314g max	Silicon (impurity only)	7440-21-3
	0	0.00666g max	Manganese (impurity only)	7439-96-5
	0	0.0002g max	Phosphorus (impurity only)	7723-14-0
	0	0.00334g max	Molybdenum (impurity only)	7439-98-7
	0	0.000368g max	Nitrogen (impurity only)	7727-37-9
	0	0.000668g max	Niobium (impurity only)	7440-03-1
	0	0.000332g max	Titanium (impurity only)	7440-32-6
Mouldings (total weight)	1.391	5%	30% GF Nylon 4T	
Containing:	0.779	5%	Nylon 4T	103945-40-0
	0.417	5%	30% Glass Fibre	65997-17-3
	0.174	5%	Organic phosphorus compound	-
	0.0208	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	
Wire	0.0124 * XXXX	10%	Copper	7440-50-8
Wire - Plating	0.00189 * XXXX	10%	Silver	7440-22-4
Wire - Insulation	0.0441 * XXXX	10%	PTFE	9002-84-0

Prepared by: 

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Consultant
ComplianceTeam@harwin.com

On behalf of:

HARWIN