


# Material Declaration for G125-MC2XX05M1-YYYYL

Product Information	
Part Number:	G125-MC2XX05M1-YYYYL
Part Description:	Male Crimped Connector with 28AWG Wires
Part Weight (g):	(0.0261 * XX) + (0.00157 * XX * YYYY) + 0.576

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 #
Contacts - Brass	0.00099 * XX	1%	Copper	7440-50-8
	0.0062 * XX	0.5%	Beryllium	7440-41-7
	0.00033 * XX	0.5%	Lead	7439-92-1
	0	(0.000048 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000032 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000008 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000032 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000032 * XX)g max	Other Impurities	
	0			
Contacts - Plating	0.000087 * XX	5%	Gold	7440-57-5
	0.000321 * XX	10%	Nickel	7440-02-0
Screwlock Nuts - Stainless Steel	0.239	10%	Iron	7439-89-6
	0.0592	4%	Chromium (Metallic)	7440-47-3
	0.0296	4%	Nickel	7440-02-0
	0.0023	0.8%	Copper	7440-50-8
	0.000822	0.5%	Sulphur	7704-34-9
	0	0.000394g max	Carbon (impurity only)	7440-44-0
	0	0.00329g max	Silicon (impurity only)	7440-21-3
	0	0.00658g max	Manganese (impurity only)	7439-96-5
	0	0.000198g max	Phosphorus (impurity only)	7723-14-0
	0	0.00329g max	Molybdenum (impurity only)	7439-98-7
0	0.000362g max	Nitrogen (impurity only)	7727-37-9	
0	0.000658g max	Niobium (impurity only)	7440-03-1	
0	0.00033g max	Titanium (impurity only)	7440-32-6	
Moulding (total weight)	(0.0182 * XX) + 0.245	5%	30% GF Nylon 4T	
Containing:	(0.0102 * XX) + 0.137	5%	Nylon 4T	103945-40-0
	(0.00546 * XX) + 0.0735	5%	30% Glass Fibre	65997-17-3
	(0.00228 * XX) + 0.0306	5%	Organic phosphorus compound	-
	(0.000273 * XX) + 0.00368	5%	Other Additives	-
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
			Red Phosphorus	
Wire	0.0005 * XX * YYYY	10%	Copper	7440-50-8
Wire - Plating	0.000059 * XX * YYYY	10%	Silver	7440-22-4
Wire - Insulation	0.00101 * XX * YYYY	10%	PTFE	9002-84-0

Prepared by: 

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On behalf of:

