

Material Declaration for G125-MC2XX05M1-YYYYF1

Product Information	
Part Number:	G125-MC2XX05M1-YYYYF1
Part Description:	Crimped Connectors with 28AWG Wires
Part Weight (g):	(0.0654 * XX) + (0.00157 * XX * YYYY) + 1.212
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 - Beryllium Copper	0.0134 * XX	1%	Copper	7440-50-8
	0.00026 * XX	0.5%	Beryllium	7440-41-7
	0.000055 * XX	0.5%	Lead	7439-92-1
	0	(0.000041 * XX)g max.	Nickel (impurity only)	7440-02-0
	0	(0.000027 * XX)g max.	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.000027 * XX)g max.	Aluminium (impurity only)	7429-90-5
	0	(0.000041 * XX)g max.	Cobalt (impurity only)	7440-48-4
	0	(0.000027 * XX)g max.	Silicon (impurity only)	7440-21-3
	0	(0.000068 * XX)g max.	Other Impurities	
	0.000102 * XX	5%	Gold	7440-57-5
Contacts - Brass	0.000375 * XX	10%	Nickel	7440-02-0
	0.0099 * XX	1%	Copper	7440-50-8
	0.0062 * XX	0.5%	Zinc	7440-66-6
	0.00033 * XX	0.5%	Lead	7439-92-1
	0	(0.000048 * XX)g max.	Nickel (impurity only)	7440-02-0
Contacts - Plating	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	
	0.000087 * XX	5%	Gold	7440-57-5
Jackscrews - Stainless Steel	0.000321 * XX	10%	Nickel	7440-02-0
	0.241	10%	Iron	7439-89-6
	0.0594	4%	Chromium (Metallic)	7440-47-3
	0.0297	4%	Nickel	7440-02-0
	0.00231	0.8%	Copper	7440-50-8
Jackscrew Retainers - Stainless Steel	0.000826	0.5%	Sulphur	7704-34-9
	0	0.000396g max.	Carbon (impurity only)	7440-44-0
	0	0.0033g max.	Silicon (impurity only)	7440-21-3
	0	0.0066g max.	Manganese (impurity only)	7439-96-5
	0	0.000198g max.	Phosphorus (impurity only)	7723-14-0
Screwlock Nuts - Stainless Steel	0	0.0033g max.	Molybdenum (impurity only)	7439-98-7
	0	0.000364g max.	Nitrogen (impurity only)	7727-37-9
	0	0.00066g max.	Niobium (impurity only)	7440-03-1
	0	0.00033g max.	Titanium (impurity only)	7440-32-6
	0.121	10%	Iron	7439-89-6
Mouldings (total weight) Containing:	0.03	4%	Chromium (Metallic)	7440-47-3
	0.015	4%	Nickel	7440-02-0
	0.00117	0.8%	Copper	7440-50-8
	0.000416	0.5%	Sulphur	7704-34-9
	0	0.0002g max.	Carbon (impurity only)	7440-44-0
Does not contain:	0	0.00167g max.	Silicon (impurity only)	7440-21-3
	0	0.00333g max.	Manganese (impurity only)	7439-96-5
	0	0.0001g max.	Phosphorus (impurity only)	7723-14-0
	0	0.00167g max.	Molybdenum (impurity only)	7439-98-7
	0	0.000184g max.	Nitrogen (impurity only)	7727-37-9
Wire	0	0.000334g max.	Niobium (impurity only)	7440-03-1
	0	0.000166g max.	Titanium (impurity only)	7440-32-6
	0.239	10%	Iron	7439-89-6
	0.0592	4%	Chromium (Metallic)	7440-47-3
	0.0296	4%	Nickel	7440-02-0
Wire - Plating	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
Wire - Insulation	0	0.000198g max.	Phosphorus (impurity only)	7723-14-0
	0	0.000329g 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
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

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On behalf of: **HARWIN**