

Material Declaration for G125-MC1XX05M1-YYYYF1

Product Information	
Part Number:	G125-MC1XX05M1-YYYYF1
Part Description:	Crimped Connectors with 26AWG Wires
Part Weight (g):	(0.0654 * XX) + (0.00198 * 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	
	0	(0.000027 * XX)g max	Aluminium (impurity only)	7429-90-5	
Contacts - Plating	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	
	0.000375 * XX	10%	Nickel	7440-02-0	
	Contacts - Brass	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	
0		(0.000032 * XX)g max	Iron (impurity only)	7439-89-6	
0		(0.000008 * XX)g max	Aluminium (impurity only)	7429-90-5	
Contacts - Plating	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	
	0.000321 * XX	10%	Nickel	7440-02-0	
	Jackscrews - Stainless Steel	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	
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	
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	
Jackscrew Retainers - Stainless Steel		0.121	10%	Iron	7439-89-6
		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	
	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	
	0	0.000334g max	Niobium (impurity only)	7440-03-1	
	0	0.000166g max	Titanium (impurity only)	7440-32-6	
	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		0.000329g 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	
Mouldings (total weight)		(0.0344 * XX) + 0.38	5%	30% GF Nylon 4T	
Containing:		(0.0193 * XX) + 0.213	5%	Nylon 4T	103945-40-0
	(0.0103 * XX) + 0.114	5%	30% Glass Fibre	65997-17-3	
	(0.0043 * XX) + 0.0475	5%	Organic phosphorus compound	-	
	(0.000516 * XX) + 0.0057	5%	Other Additives	-	
Does not contain:			Antimony		
			Other Brominated Flame Retardants		
			Red Phosphorus		
Wire	0.000706 * XX * YYYY	10%	Copper	7440-50-8	
Wire - Plating	0.000083 * XX * YYYY	10%	Silver	7440-22-4	
Wire - Insulation	0.00119 * XX * YYYY	10%	PTFE	9002-84-0	

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On behalf of: **HARWIN**