

Material Declaration for G125-FC1XX05F1-YYYYF1

Product Information	
Part Number:	G125-FC1XX05F1-YYYYF1
Part Description:	Female Crimped Conn. with 26AWG Wires
Part Weight (g):	(0.0609 * XX) + (0.00198 * XX * YYYY) + 1.297
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	0.0268 * XX	1%	Copper	7440-50-8
	0.00052 * XX	0.5%	Beryllium	7440-41-7
	0.00011 * XX	0.5%	Lead	7439-92-1
	0	(0.000082 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000054 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000054 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000082 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000054 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000136 * XX)g max	Other Impurities	
	0.000204 * XX	5%	Gold	7440-57-5
Contacts - Plating	0.00075 * XX	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.508	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
	0.00234	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	0.00334g 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)	(0.0325 * XX) + 0.269	5%	30% GF Nylon 4T	
Containing:	(0.0182 * XX) + 0.151	5%	Nylon 4T	103945-40-0
	(0.00975 * XX) + 0.0807	5%	30% Glass Fibre	65997-17-3
	(0.00406 * XX) + 0.0336	5%	Organic phosphorus compound	-
	(0.000488 * XX) + 0.00404	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

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**