

Material Declaration for G125-FC2XX05F1-YYYYF1

Product Information	
Part Number:	G125-FC2XX05F1-YYYYF1
Part Description:	Female Crimped Conn. with 28AWG Wires
Part Weight (g):	(0.0609 * XX) + (0.00157 * 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		
	Contacts - Plating	0.000204 * XX	5%	Gold	7440-57-5
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
	(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	0.0005 * 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: *M. J. Perry*

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On behalf of: **HARWIN**