

Material Declaration for G125-FC1XX05F1-YYYYL

Product Information	
Part Number:	G125-FC1XX05F1-YYYYL
Part Description:	Female Crimped Conn. with 26AWG Wires
Part Weight (g):	(0.031 * XX) + (0.00198 * XX * YYYY) + 0.649
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
	0.00055 * 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
	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 - Plating	0.000375 * XX	10%	Nickel	7440-02-0
Jackscrews - Stainless Steel	0.254	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
Moulding (total weight)	(0.0163 * XX) + 0.135	5%	30% GF Nylon 4T	
Containing:	(0.00913 * XX) + 0.0756	5%	Nylon 4T	103945-40-0
	(0.00489 * XX) + 0.0405	5%	30% Glass Fibre	65997-17-3
	(0.00204 * XX) + 0.0169	5%	Organic phosphorus compound	-
	(0.000245 * XX) + 0.00203	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*

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Specialist
ComplianceTeam@harwin.co.uk

On behalf of: **HARWIN**