

Material Declaration for G125-MC3XX05L4-YYYYF

Product Information	
Part Number:	G125-MC3XX05L4-YYYYF
Part Description:	Crimped Connectors with 30AWG Wires
Part Weight (g):	(0.06 * XX) + (0.00123 * XX * YYYY) + 0.16

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	
	0	(0.000041 * XX)g max	Cobalt (impurity only)	7440-48-4	
Contacts - Plating	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	
0		(0.000032 * XX)g max	Tin (impurity only)	7440-31-5	
Contacts - Plating	0	(0.000032 * XX)g max	Other Impurities		
	0.000087 * XX	5%	Gold	7440-57-5	
	0.000321 * XX	10%	Nickel	7440-02-0	
Latches - CuNiSn Alloy	0.0543	10%	Copper	7440-50-8	
	0.00366	4%	Tin	7440-31-5	
	0.00573	4%	Nickel	7440-02-0	
	0	0.000318g max	Iron (impurity only)	7439-89-6	
	0	0.000012g max	Lead (impurity only)	7439-92-1	
	0	0.000318g max	Manganese (impurity only)	7439-96-5	
	Latches - Plating	0.00283	10%	Tin	7440-31-5
0.00162		10%	Nickel	7440-02-0	
Mouldings (total weight) Containing:	(0.029 * XX) + 0.0922	5%	30% GF Nylon 4T		
	(0.0162 * XX) + 0.0516	5%	Nylon 4T	103945-40-0	
	(0.0087 * XX) + 0.0277	5%	30% Glass Fibre	65997-17-3	
	(0.00363 * XX) + 0.0115	5%	Organic phosphorus compound	-	
	(0.000435 * XX) + 0.00138	5%	Other Additives	-	
	Does not contain:			Antimony	
			Other Brominated Flame Retardants		
			Red Phosphorus		
Wire	0.000312 * XX * YYYY	10%	Copper	7440-50-8	
Wire - Plating	0.000037 * XX * YYYY	10%	Silver	7440-22-4	
Wire - Insulation	0.00088 * XX * YYYY	10%	PTFE	9002-84-0	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**