

Material Declaration for G125-MC3XX05L4-YYYYL

Product Information	
Part Number:	G125-MC3XX05L4-YYYYL
Part Description:	Male Crimped Conn. with 30AWG Wires
Part Weight (g):	(0.0334 * XX) + (0.00123 * XX * YYYY) + 0.123

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 - 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
	0	(0.000032 * XX)g max	Other Impurities	
	0.000087 * XX	5%	Gold	7440-57-5
	0.000321 * XX	10%	Nickel	7440-02-0
Contacts - Plating				
Latches - Copper Nickel	0.0543	3%	Copper	7440-50-8
	0.00573	1.5%	Nickel	7440-02-0
	0.00366	1.5%	Tin	7440-31-5
	0	0.000012g max	Lead (impurity only)	7439-92-1
	0	0.000318g max	Manganese (impurity only)	7439-96-5
	0	0.000318g max	Iron (impurity only)	7439-89-6
	0.00283	10%	Tin	7440-31-5
	0.00162	10%	Nickel	7440-02-0
Moulding (total weight)	(0.0166 * XX) + 0.0544	5%	30% GF Nylon 4T	
Containing:	(0.0093 * XX) + 0.0305	5%	Nylon 4T	103945-40-0
	(0.00498 * XX) + 0.0163	5%	30% Glass Fibre	65997-17-3
	(0.00208 * XX) + 0.0068	5%	Organic phosphorus compound	-
	(0.000249 * XX) + 0.000816	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: 

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On behalf of:

HARWIN