

Material Declaration for G125-MC2XX05M1-YYYYM1

Product Information

Part Number:	G125-MC2XX05M1-YYYYM1
Part Description:	Crimped Connectors with 28AWG Wires
Part Weight (g):	(0.0701 * XX) + (0.00157 * XX * YYYY) + 1.151

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	0.0198 * XX	1%	Copper	7440-50-8
	0.0124 * XX	0.5%	Zinc	7440-66-6
	0.00066 * XX	0.5%	Lead	7439-92-1
	0	(0.000096 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000064 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000016 * XX)g max	Aluminium (impurity only)	7429-90-5
Contacts - Plating	0	(0.000064 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000064 * XX)g max	Other Impurities	
	0.000174 * XX	5%	Gold	7440-57-5
	0.000642 * XX	10%	Nickel	7440-02-0
Screwlock Nuts - Stainless Steel	0.478	10%	Iron	7439-89-6
	0.118	4%	Chromium (Metallic)	7440-47-3
	0.0592	4%	Nickel	7440-02-0
	0.0046	0.8%	Copper	7440-50-8
	0.00164	0.5%	Sulphur	7704-34-9
	0	0.000788g max	Carbon (impurity only)	7440-44-0
	0	0.00658g 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	0.000658g max	Molybdenum (impurity only)	7439-98-7
	0	0.000724g 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
Mouldings (total weight)	(0.0364 * XX) + 0.49	5%	30% GF Nylon 4T	
Containing:	(0.0204 * XX) + 0.274	5%	Nylon 4T	103945-40-0
	(0.0109 * XX) + 0.147	5%	30% Glass Fibre	65997-17-3
	(0.00455 * XX) + 0.0613	5%	Organic phosphorus compound	-
	(0.000546 * XX) + 0.00735	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:

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On behalf of:

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