

Material Declaration for M80-FC2XX68L0-YYYYL

Product Information	
Part Number:	M80-FC2XX68L0-YYYYL
Part Description:	2mm Crimp Conn. With 24AWG Wires
Part Weight (g):	(0.0792 * XX) + (0.00238 * XX * YYYY) + 0.0356

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	Gold over Nickel & Copper
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact Shell - Brass	0.0362 * XX	2%	Copper	7440-50-8
	0.0201 * XX	1%	Zinc	7440-66-6
	0.00115 * XX	0.5%	Lead	7439-92-1
	0	(0.000172 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000172 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000172 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000029 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000287 * XX)g max	Other Impurities	
Contact Shell - Plating	0.000292 * XX	5%	Gold	7440-57-5
	0.000723 * XX	10%	Nickel	7440-02-0
	0.000603 * XX	10%	Copper	7440-50-8
Contact Clip - Beryllium Copper	0.00207 * XX	1%	Copper	7440-50-8
	0.00004 * XX	0.5%	Beryllium	7440-41-7
	0	(0.000006 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000006 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000004 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000004 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000004 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000011 * XX)g max	Other Impurities	
Contact Clip - Plating	0.000057 * XX	10%	Nickel	7440-02-0
	0.000006 * XX	5%	Gold	7440-57-5
Moulding (total weight)	(0.0201 * XX) + 0.0334	5%	30% GF PBT	
Containing:	(0.0101 * XX) + 0.0167	5%	PBT	30965-26-5
	(0.00603 * XX) + 0.01	5%	30% Glass Fibre	65997-17-3
	(0.00101 * XX) + 0.00167	5%	Antimony Trioxide	1309-64-4
	(0.00302 * XX) + 0.00501	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	
Wire	0.000757 * XX * YYYY	10%	Copper	7440-50-8
Wire - Plating	0.000089 * XX * YYYY	10%	Silver	7440-22-4
Wire - Insulation	0.00153 * XX * YYYY	10%	PTFE	9002-84-0

Prepared by: *M. J. Perry*

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On behalf of:

HARWIN