

## Material Composition for M50-911XX42

Product Information	
Part Number:	M50-911XX42
Part Description:	1.27mm pitch IDC Cable
Part Weight (g):	(0.597 * XX) + 0.204

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

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Connector Contacts - Phosphor Bronze	0.0284 * XX	5%	Copper	7440-50-8
	0.0019 * XX	1%	Tin	7440-31-5
	0.000056 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.00006 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000032 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000016 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.00152 * XX)g max	Other Impurities	
Connector Contacts - Plating	0.000828 * XX	10%	Nickel	7440-02-0
	0.000004 * XX	30%	Gold	7440-57-5
	0.000236 * XX	10%	Tin	7440-31-5
Connector Mouldings (total weight)	(0.031 * XX) + 0.204	5%	30% GF PBT	
Containing:	(0.0155 * XX) + 0.102	5%	PBT	30965-26-5
	(0.0093 * XX) + 0.0612	5%	30% Glass Fibre	65997-17-3
	(0.00155 * XX) + 0.0102	5%	Antimony Trioxide	1309-64-4
	(0.00465 * XX) + 0.0306	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	
Cable - Conductor	0.182 * XX	5%	Copper	7440-50-8
Cable - Conductor plating	0.000236 * XX	10%	Tin	7440-31-5
Cable - PVC insulation (total weight)	0.352 * XX	10%	PVC Insulation	
Containing:	0.176 * XX	10%	PVC	9002-86-2
	0.0832 * XX	10%	Plasticizer	28553-12-0
	0.0618 * XX	10%	Calcium Carbonate	471-34-1
	0.00988 * XX	10%	Calcium Stearate	1592-23-0
	0.00882 * XX	10%	Polyethylene	9002-88-4
	0.0127 * XX	10%	Other	

Prepared by:

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On behalf of:

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