

Material Composition for M55-310XX42R

Product Information	
Part Number:	M55-310XX42R
Part Description:	1.27mm Pitch Connector
Part Weight (g):	(0.025 * XX) + 0.122

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
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 #
Contacts - Chromium Zirconium Copper	0.00892 * XX	5%	Copper	7440-50-8
	0.000045 * XX	1%	Chromium	7440-47-3
	0.000004 * XX	1%	Zirconium	7440-67-7
	0	(0.000019 * XX)g max	Other Impurities	-
Contacts - Plating	0.000013 * XX	10%	Nickel	7440-02-0
	0.000014 * XX	10%	Tin	7440-31-5
	0.000001 * XX	10%	Gold	7440-57-5
Retainers - Brass	0.0247	5%	Copper	7440-50-8
	0.0132	1%	Zinc	7440-66-6
	0	0.000018g max	Iron (impurity only)	7439-89-6
	0	0.000026g max	Lead (impurity only)	7439-92-1
Retainers - Plating	0	0.000038g max	Other Impurities	-
	0.000037	10%	Nickel	7440-02-0
	0.000077	10%	Tin	7440-31-5
Moulding (total weight)	(0.016 * XX) + 0.084	6%	40% GF Nylon 9T	
Containing:	(0.0096 * XX) + 0.0504	6%	Nylon 9T	169284-22-4
	(0.0064 * XX) + 0.0336	6%	Glass Fibre	65997-17-3
Does not contain:			Halogenated Flame Retardants	
			Antimony	

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